

**SEWER COMMISSION**  
**THURSDAY, March 5, 2009**

A Meeting of the Board of Sewer Commissioners was held on March 5, 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; Commissioner Michael V. Brown;  
and Commissioner Robert Carroll

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

Absent:                                  Vice Chairman Donald Anderson and Commissioner Louis D'Amato

**CITIZENS COMMENTS:**

**Michael Cappetto, 9 Pearl Hill Street**

On December 21, 2008, a pump had broken on Pearl Hill Street, spilling raw sewage into the street and into Mr. Michael Cappetto's basement on 9 Pearl Street. Mr. Cappetto called the Fire Department and described the problem to them. The Fire Department arrived shortly after that. Mark IV Construction arrived at the site as well. Robert Grive, Sanitarian from the City of Milford Health Department and Michael Recchia from Westcott & Mapes, Inc. were also at the site. Mr. Cappetto states that he was told by Robert Grive that Mark IV was liable for the clean up and the items that he lost. At the advice of Robert Grive, Mr. Cappetto called Servpro. Mr. Cappetto gathered an itemized list and photos of his possessions that were in the basement. Mr. Cappetto spoke to Tom DellaBitta, of Mark IV. Mr. DellaBitta asked Mr. Cappetto to send photos and the list of destroyed items to Mark IV Construction Company. Mr. Cappetto states that some items that were not fully damaged, however they were discarded by Servpro. Mr. Cappetto submitted approximately \$6,000 in damaged items to Mark IV's insurance company, CNA and they offered to pay \$1,000.

Raymond Macaluso's recommendation to Mr. Cappetto was to contact his private insurance company, The Hartford, and they in turn would contact Mark IV's insurance company. Mr. Cappetto did not keep a copy of the itemized list and photos that he forwarded to Mark IV. He will request a copy of these items from Mark IV's insurance company.

**Todd Gibbons****670-690 Boston Post Road**

Map 76, Block 919, Parcel 22

The allowable gallonage for the parcel is 5,406 gallons per day. Prior approval dated 3/12/02 approved the proposed gallonage of 5,341 gallons per day. When Mr. Gibbons came to the Sewer Commission, he had a business that was moving into a space, which was not a change of use. At that time, it was discovered that his water consumption for 2007 was 6,623 gallons per day and for 2008 8,939 gallons per day. Mr. Gibbons has 2 large spaces that are vacant, and he is concerned if he leases to a business that would be a change of use, he does not have the gallonage available. The approval dated 3/12/02 stated that applicant should separately meter the sprinkler system in order to assure that the full capacity of the allocation for this property did not exceed the allowable gallonage. Mr. Gibbons did not own the property at that time. He believes that the inside fire sprinkler system was connected to a separate meter, when it should have been the outside irrigation system. It was also discovered that there was a problem with one zone in the outside irrigation system. When this zone is turned off, the water consumption is reduced. He comes to the Sewer Commission for advice regarding how he can reduce his water consumption. It is recommended that he contact Regional Water Authority, have the outside irrigation system connected to a separate meter, and monitor the water consumption over a period of approximately three months to see if water consumption is reduced. He states that he wants to correct the problem so that in the future if he needs to come before the board to add a new business, he would not be restricted by the water consumption.

**PETITIONS**

None

**TABLED APPLICATIONS**

None

**WESTCOTT AND MAPES, INC.**

Mark Davis of Westcott and Mapes, Inc. presented the following 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. In addition, Inland Wetlands approval is required for this project.

**B. East-West Interceptor Replacement**

Westcott and Mapes, Inc. reported that work on the project has stopped for the winter. Remaining work is expected to start in the spring, weather permitting. This work consists of connection of the 24-inch sewer from the Boston Post Road Pump Station and the 8-inch sewer from Erna Avenue, sandfill of the old 36-inch

sanitary sewer along Clark Street, curb-to-curb paving for the project, and final restoration.

Westcott and Mapes, Inc. also reported that we have received Pay Application No. 6 from Mark IV Construction Company, Inc. Westcott and Mapes, Inc. has reviewed the application and recommends approval of Pay Application No. 6 in the amount of \$83,269.42.

In addition, Westcott and Mapes, Inc. reported that a request for a time extension of 30-days has been received. The extension is sought based on additional work to be completed for sand fill of the existing 36-inch sewer on Clark Street and pipe-jacking of the 8-inch sewer connection to Erna Avenue. Also, the opening date for asphalt plants is not yet known and may be as late as April 15<sup>th</sup>, which affects the schedule for completing final paving along the project route. If approved the date of completion would be extended to May 27, 2009 and a Change Order prepared for next month's meeting. Westcott and Mapes, Inc. recommends approval of the 30-day time extension.

Commissioner Michael Brown **MADE A MOTION** to approve the 30-day extension based on additional work to be completed for sandfill of the existing 36-inch sewer on Clark Street and pipe-jacking of the 9-inch sewer connection to Erna Avenue.

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

**C. East Broadway Interceptor Replacement**

Westcott and Mapes, Inc. reported that a payment request, submitted in three parts, was received from Mark IV Construction Company, Inc. Westcott and Mapes, Inc. has reviewed the request and recommends that the request be reviewed by the City Attorney prior to the Sewer Commissions action.

After discussion, Commissioner Robert Carroll **MADE A MOTION** to submit Mark IV's payment request to the City Attorney for interpretation and review.

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

**D. West Avenue Parallel Force Main**

Westcott and Mapes, Inc. reported that the City Attorney is in the process of reviewing the Contract Documents and should complete his review within the next few weeks. The project is anticipated to go to bid by the end of March.

**E. Buckingham Avenue Force Main**

Westcott and Mapes, Inc. reported that engineering design for this project is ongoing and is approximately 70 percent complete.

**EARTH TECH**

## A. Housatonic &amp; Beaver Brook Wastewater Treatment Plants

1. Carlin's Payment Requisition #28 in the amount of \$807,358.43 is presented to the Board for approval. This requisition includes work through February 16, 2009 as follows:

**Housatonic Plant - \$661,477.91**

Secondary clarifier # 1,2, & 4 retrofits

Operations Building renovation:

2<sup>nd</sup> floor, basement, new lunch room/conference room

Secondary Gallery – installation of RAS pumps and piping

Odor control system installation & chemical tank installation

UV system – 3d channel

Fire alarm, security and PA systems

Gallery roofs

North Anoxic and Aeration tanks are now in operation.

**Beaver Brook Plant - \$145,880.52**

Startup of Odor Control and chemical systems

Digester repairs are completed

Painting & finish work

2. Change Order #64 in the amount of \$18,136.00 is submitted to the Board for approval. It includes overhaul of the existing Spencer Aeration Blowers and Blower motors at the Beaver Brook plant. This work was previously approved in concept by the Board at its November meeting.

Commissioner Michael Brown **MADE A MOTION** to approve Change Order No. 64 in the amount of \$18,136.00.

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

3. Change Order #65 in the amount of \$15,664.00 is submitted to the Board for approval. It includes the following items of work at the Beaver Brook plant:
  - A. Replace and relocate inoperable unit heater in Chemical Room (\$4,416.00)
  - B. Install weather protection on chain guards at settling tank drives (\$2,883.00)
  - C. Remove and dispose of asbestos from roof drains and air handling unit and ballasts containing PCB's (\$3,986.00)
  - D. Add plant water and city water interconnections, strainer and piping to connect water softener to odor control system (\$4,379.00)

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order No. 65 in the amount of \$15,664.00.

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

4. Change Order #66 in the amount of \$29,215.00 is submitted to the Board for approval. This work includes modification of the 2<sup>nd</sup> floor in the Operations Building to change the room configuration and add a bathroom, with associated HVAC, plumbing and electrical modifications. This work was previously approved by the Board at its October meeting. The proposal was originally submitted by Carlin at \$60,208, however modifications were made and concessions received from Carlin to reduce the cost.

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order No. 66 in the amount of \$29,215.00.

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

5. Change Order #67 in the amount of \$41,416.00 is submitted to the Board for approval. It includes the following items of work at the Housatonic plant:
  - A. Install grating and handrail at the Parshall flume at the Grit & Screenings Building (\$2,632.00)
  - B. Provide 4 CY waste container at the Grit & Screenings Building and change grit chamber grease tubing from copper to stainless steel (\$3,321.00)
  - C. Add cleanouts to digested sludge line due to alignment change of piping (\$6,190.00)
  - D. Install additional yard valves on plant water and froth spray piping at the request of the operators (\$13,270.00)
  - E. Install additional interior valves on plant water and froth spray piping at the request of the operators (\$4,477.00)
  - F. Modify launder cover brackets on secondary clarifier #4, due to faulty construction of original concrete (\$1,597.00)
  - G. Replace deteriorated sanitary drain piping in the basement of the Operations Building (\$9,929.00)

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order No. 67 in the amount of \$41,416.00.

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

6. Change Order #68 in the amount of a \$7,500 credit is submitted to the Board for approval. This is the agreed to salvage amount for the two belt filter presses removed from the Operations Building.

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order No. 68 for a credit amount of \$7,500.

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

7. Change Orders #69A and 69B in the amounts of \$25,526.00 and \$75,766.00

respectively, are submitted to the Board for approval. These change orders are for a two month extension of contract time and extension of Carlin's General Conditions, which include costs for General Superintendent, Project Manager and Project Engineer as well as costs for trailers, utilities, insurance and other fixed costs. The extension of time is necessitated by the change order work on the project which has impacted Carlin's critical path schedule. This change was previously approved by the Board at its December meeting.

Commissioner Michael Brown **MADE A MOTION** to approve Change Orders No. 69A and 69B in the amounts of \$25,526.00 and \$75,766.00 respectively which are for a two month extension.

After discussion regarding the completion date of June 3, 2009, Commissioner Michael Brown **SECONDED** and it was unanimously approved.

8. The spreadsheet showing the status of the project contingency account has been updated to reflect change orders to date, unit price items to date, other expenses, and pending items of work based on decisions made at the January 28<sup>th</sup> meeting with Lou D'Amato and Michael Brown. Based on this the Project Status is:

Total change orders through #69	\$1,883,871
Total pending & potential change orders	<b>\$ 302,103</b>
Total remaining unit price items	\$ -304,265
Earth Tech/AECOM contract extension	\$ 213,060
Independent Materials Testing	\$ 125,000
Force Account work	\$ 20,000
 Projected Contingency used	 <b>\$2,239,769</b>
Total Contingency	\$2,333,372
Remaining contingency	<b>\$ 93,603</b>

Note that through negotiations between Earth Tech and Carlin, Carlin has granted concessions and will do the floor coating in the BFP room at the Beaver Brook plant and will paint the exterior of the Secondary Digester Cover at the Beaver Brook plant at no additional cost. These items of work were estimated to cost \$31,655.

9. A separate spreadsheet has been prepared listing additional items of work at both plants that are on hold.
10. Estimated cost to remove and dispose of remaining sludge and other materials from the Housatonic Secondary Digester is \$138,000. This item of work should be done since it is impacting the operation of the plant. Since this digester was cleaned and repaired just prior to the start of construction on this project, it is reasonable to assume that most of the material in the digester is a result of construction activities and therefore not a maintenance item. Discussions with DEP indicate that on this basis they would most likely consider this work eligible for grant-loan participation.

Commissioner Robert Carroll **MADE A MOTION** to approve the estimated cost of \$138,000 to remove and dispose of remaining sludge and other materials from the Housatonic Secondary Digester.

After discussion, Commissioner Michael Brown **SECONDED** and it was unanimously approved.

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. The easement for the sewer through Silver Sands State Park has been filed. We are proceeding to have the soil borings done and the wetlands delineated.
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

**CONSULTING ENGINEER'S REPORT**

Raymond Macaluso, Westcott and Mapes, Inc. reported that Amy Varricchio and Steven Stanford of Griffin Dewatering sub consultant of Mark IV, attended the regular meeting of the Sewer Commission, and are concerned with East Broadway Interceptor and Termination of the Contract. They requested a copy of the letters to and from Mark IV.

At the Monday night meeting of the Board of Alderman Ordinance Committee, approval was given for the ordinance presented by the City Attorney and Mayor for disqualification of contractors in bidding of future contracts. Documentation will be presented to this Commission to forward on to the Mayor for the review and processing to the Purchasing Agent to disqualify Mark IV to bid on any future projects. Westcott and Mapes is gathering the documentation for Mark IV's performance on the most two recent projects and respectfully requested the Board's authorization to forward it on to the Mayor.

Commissioner Michael Brown **MADE A MOTION** to forward the documentation on to the Mayor for processing to disqualify Mark IV.

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

The Board of Alderman also approved \$625,000 emergency fund for the repairs of the West Ave Pump Station. Contracts are being put in place as both as outlined in letter that Westcott & Mapes, Inc. sent to the Mayor for the Board of Alderman's approval for Earth Tech and Westcott and Mapes. Carlin Construction has been chosen as the prime Construction Company (we had a waiver of bid). We will discuss in Executive Session what will happen.

Based on the emergency repair, Raymond Macaluso of Westcott and Mapes, Inc. requests estimated engineering services for Earth Tech/AECOM a not exceed amount of \$50,000 and for Westcott and Mapes a not exceed amount of \$10,000.

Commissioner Robert Carroll **MADE A MOTION** to approve estimated engineering services fees for Earth Tech/AECOM in the amount not to exceed \$50,000 and for Westcott and Mapes, Inc. in an amount not exceed \$10,000.

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

### **WASTEWATER**

Written report submitted by Jim Cooper, Acting Superintendent, Wastewater Treatment. (Jim Cooper left the meeting early due to a family emergency).

#### **Plants**

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

At the Housatonic Plant normal monthly maintenance was performed. The North anoxic/Aeration systems should be on soon, it will still be a little longer for the final tanks. The water main break and other issues at Pearl Hill and Clark Streets has caused numerous problems at the West Ave. Pump Station, many still un resolved as well as problems at the Treatment Plant

At the Beaverbrook Plant normal monthly maintenance was performed. Most of the new systems are on line at Beaverbrook, we should putting the digester back on line soon and starting the odor control system.

### **Collection System**

#### **Pump Stations**

Scheduled maintenance was performed at the following pump station: Mathews Street, Rock Street, Anderson Avenue, and Boston Post Road

Other duties performed by pump station crews:



1. The crews installed a rebuilt pump in the #4 position at the Gulf Pond Pump Station. We are monitoring its operation prior to putting on line permanently. The Wastewater Electrician installed hour meters on all the main sewage pumps at Gulf Pond.
2. We are still having problems with pumps clogging at the Anderson Ave. Pump Station. We are looking into having it professionally cleaned.
3. At the Live Oaks Pump Station the crews replaced a broken air line on air compressor #2
4. At the Milford Point Pump Station the Wastewater Electrician had to make emergency repairs on the #1 motor starter.
5. We also replaced the water pump on the emergency generator at the Adams Avenue Pump Station, and the pumps off float was also replaced due to erratic pump hour readings

There were six (6) alarms at pump stations in January: 2 for power outages, 3 for high water, and 1 for fire alarm.

### **Sewer Maintenance**

Sewer Maintenance answered Seven (7) complaints.

Sewer Maintenance crews performed scheduled maintenance sites four (4) trouble sites citywide: #2, #3, #4, and #5.

Scheduled maintenance was performed on the following equipment: the hand rodding equipment .

There were no sewer excavations in January.

Other duties performed by Sewer Maintenance crews:

1. The Technical Services group is continuing to TV for acceptance, the East West Intercepting sewer that mark IV Construction is installing.
2. The crews cleared a main line blockage on New Haven Avenue .
3. They are continuing to build shelves and compartments in the new Isuzu sewer repair truck.
4. We were at the Old Milford Academy complex assisting Public Works by snaking out and Tving some of the sewer lines.

A total of 10,500 ft. were jet flushed, 875 feet were TV'ed with our standard TV equipment, and 365 ft. were spy tv'ed. We also hand rodded 75 ft, used the hydraulic jet root cutter to relieve 680 ft, used the electric snake to clean 70 ft, root treated 55 ft., smoke tested 910 ft. and dye tested 305 ft. to check for sewer connection.

### **CHAIRMAN'S REPORT**

**Administrative Approvals:****249 BRIDGEPORT AVENUE – BRIDGEPORT FLYER DINER**

Application to connect a proposed addition (a patio with 20 seats and an additional 5 seats for a total of 115 seats) to the Bridgeport Flyer Diner to the City's Sanitary Sewer System. The total approved proposed gallonage for the entire parcel is 2,415 gallons per day. The total allowable gallonage for the entire parcel is 4,480 gallons per day. The total approved proposed fixture count is 3 toilets, 2 hand sinks, 2 urinals, and 2 kitchen sinks.

**354 WOODMONT ROAD – 40 SEAT RESTAURANT**

Application to connect a proposed 40 seat restaurant to the City's Sanitary Sewer System which meets the criteria to be administratively approved by the Sewer Commission. The total approved proposed gallonage for the entire parcel is 3329 gallons per day. The total allowable gallonage for the entire parcel is 4,800 gallons per day. The total approved proposed fixture count is 4 toilets, 4 hand sinks, 2 urinals, and 2 coffee sinks.

**168 PEPE'S FARM ROAD- INDUSTRIAL WAREHOUSE**

Application to connect a 3,000 square foot addition to the City's Sanitary Sewer System which meets the criteria to be administratively approved by the Sewer Commission. The total approved proposed gallonage for the entire parcel is 375 gallons per day. The total allowable gallonage for the entire parcel is 1,455 gallons per day. The total approved proposed fixture count is 2 toilets and 2 hand sinks.

**VOTING****A. PETITIONS - See above****B. MINUTES**

Commissioner Robert Carroll **MADE A MOTION** to approve the minutes of the Regular Sewer Commission Meeting of February 5, 2009.

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

**A. PAYMENTS**

Commissioner Robert Carroll **MADE A MOTION** to approve Payment List of March 5, 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 **\$661,477.91;**

to **Carlin Construction**, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of **\$145,880.52**

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 **\$83,269.42;**

to **Westcott & Mapes**, Buckingham Avenue Force Main, P.O. No. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of **\$15,837.50;**

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 **\$23,425.00;**

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 **\$5,785.00;**

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 **\$12,555.00;**

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 **\$5,085.00;**

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 **\$3,048.47;**

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 **\$105,052.17.**

The total of Payment List of March 5, 2009 is in the amount of **\$1,061,415.99.**

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

### **EXECUTIVE SESSION**

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

Chairman Paul Austin announces the time at 8:45 p.m. and states that the Executive Session will be limited to the members of the Sewer Commission, Raymond Macaluso and Mark Davis 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 Michael Brown **MADE A MOTION** to end the Executive Session.

Commissioner Robert Carroll **SECONDED** the motion.

Chairman Paul Austin announces the time as 9:11p.m..

Commissioner Robert Carroll **MADE A MOTION** to adjourn at 9:11p.m..

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

The next meeting of the Board of Sewer Commissioners is scheduled for **Thursday, April 2, 2009 at 7:30 p.m.**

Respectfully submitted,

Cynthia N. Valeo, Clerk  
City of Milford Sewer Commission