

SEWER COMMISSION
THURSDAY, February 5, 2009

A Meeting of the Board of Sewer Commissioners was held on February 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; Vice Chairman Donald Anderson;
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

Absent: Commissioner Louis D'Amato

CITIZENS COMMENTS:

None

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. 5 from Mark IV Construction Company, Inc. Westcott and Mapes, Inc. has reviewed the application and recommends approval of Pay Application No. 5 in the amount of \$50,762.30

In addition, Westcott and Mapes, Inc. reported that Change Order No. 7 has been prepared in the amount of \$45,000 for the additional work approved at last month's meeting to sandfill the existing 450 LF of 36-inch sanitary sewer along Clark Street. Westcott and Mapes, Inc. recommends approval of Change Order No.7.

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order No. 7 in the amount of \$45,000.

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

Westcott and Mapes, Inc. also reported that additional work was required in the amount of \$29,963.00 for normal construction increases and decreases for items included in the Contract. These items include changes in depth for sewer installation, quantities of manhole sections for various diameters, increase in bituminous driveway for replacement of hypochlorite piping at the West Avenue Pump Station, epoxy waterproofer at the force main manhole, and reimbursement for traffic control provided by Milford Police in excess of the initial estimate. The amount of this change order is expected to be offset by a net credit of \$40,000 at completion of the project. Westcott and Mapes, Inc. recommends approval of Change Order No. 8. If approved, the request for payment for this item will occur next month

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order No. 8 in the amount of \$29,963.00.

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

Westcott and Mapes, Inc. respectfully requested approval of an amendment to their existing contract for the additional work for a not-to-exceed amount of \$70,000 due to the sequence of events that began in August 2008, continued to the present and estimate time to close out and prepare documentation for strategy and negotiations with respect to claims by and against Mark IV Construction Company, Inc.

Commissioner Robert Carroll **MADE A MOTION** to approve of an amendment to Westcott and Mape's existing contract for the additional work for a not-to-exceed amount of \$70,000 due to the sequence of events that began in August 2008, continued to the present and estimate time to close out and prepare documentation for strategy and negotiations with respect to claims by and against Mark IV Construction Company, Inc.

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

C. East Broadway Interceptor Replacement

Westcott and Mapes, Inc. reported that Mark IV Construction Company, Inc. has delivered all materials they had acquired for the project to the Public Works yard. Mark IV is currently preparing its claim for work performed, materials delivered, and reasonable profit for the project.

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 couple of weeks. The project is anticipated to go to bid in mid-March.

E. Buckingham Avenue Force Main

Westcott and Mapes, Inc. reported that engineering design for this project is ongoing and is approximately 60 percent complete.

EARTH TECH

A. Housatonic & Beaver Brook Wastewater Treatment Plants

1. Carlin's Payment Requisition #27 in the amount of \$503,260.21 is presented to the Board for approval. This requisition includes work through January 15, 2009 as follows:

Housatonic Plant - \$434,063.26

Equipment installation - North Aeration and Anoxic tanks
Site piping secondary clarifiers
Operations Building renovation
Odor control system installation
Fire alarm, security and PA systems
HVAC

Beaver Brook Plant - \$69,196.95

Installation of Odor Control and chemical systems
Digester repairs
HVAC

2. Change Order #63 in the amount of \$58,179.00 is submitted to the Board for approval. It includes removal and disposal of sludge from the Secondary digester at the Beaver Brook plant. This work was done on a T&M basis and has been completed.

Commissioner Michael Brown **MADE A MOTION** to approve Change Order No. 63 in the amount of \$58,179.00.

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

3. A meeting was held on January 28, 2009 in the Engineer's trailer at the Housatonic plant with Commissioner Lou D'Amato, Commissioner Michael Brown, Jim Cooper, Dan Gregory, Ed Kozlowski, Charlie Smith, Gary Poisson and Ken Bradstreet in attendance to prioritize potential items of extra work at both plants. Prior to the meeting up-to-date lists of requested work items were received from Dan and Ed. During the meeting each item was discussed and a decision made to proceed with the item, eliminate the item or defer decision to a later date based on available funds. A summary has been prepared for each plant showing disposition of each item. (Subject summary report is attached to permanent copy of minutes on file in the Sewer Commission office).
4. 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 28th meeting. Cost estimates for all items given a "yes" vote are included in the spreadsheet, while items given a "no" vote or items deferred for a future decision have been removed. Based on this the Project Status is:

Total change orders through #63	\$1,685,648
Total pending & potential change orders	\$ 517,272
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	\$2,256,715
Total Contingency	\$2,333,372
Remaining contingency	\$ 76,657

5. A separate spreadsheet has been prepared listing the items at both plants that are on hold.

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

CONSULTING ENGINEER'S REPORT

Raymond Macaluso, Westcott and Mapes opened the discussion of disqualification of contractors in bidding of future contracts.

After thorough discussion, Commissioner Michael Brown **MADE A MOTION** that the Mayor and the City Attorney draft an ordinance for disqualification of contractors in bidding of future contracts.

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

WASTEWATER**Plants**

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

At the Housatonic Plant normal monthly maintenance was performed. Construction is still on going we are hopeful of getting the north half of the treatment plant back on line soon. 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 unresolved 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 be 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: East Broadway Pump Station

Other duties performed by pump station crews:

1. At the Wanda Road Pump Station we pumped out the valve pit and worked all the valves for proper operation
2. At the Welches Point Road Pump Station we had the furnace repaired and we had several pump problems such as clogging and going air bound due to heavy flows.
3. We had a high wet well at roses Mill Road Pump Station due to heavy grease build up in the wet well. We will schedule grease pump out in the near future.
4. At the New Haven Ave. Pump Station we had two clogged pumps due to high flows.
5. We had to shut down the Gulf Pond Pump Station and the Rogers Ave. Pump Stations several times for Mark IV Construction so they could do work on the East West Interceptor project. Also the Wastewater Electrician installed hour meters on all four pumps at Gulf Pond.
6. At the Adams Ave. Pump Station the emergency generator water pump let go so we cannot run the generator. We had to hook up a portable generator to this station until the water pump can be rebuilt and re-installed (part is obsolete).
7. At the Old Field Lane Pump Station we have a generator problem also. We are getting quotes on repair or replacement of the motor end of the system.

There were twenty four (24) alarms at pump stations in December: 18 for power outages and 6 for high water.

Sewer Maintenance

Sewer Maintenance answered five (5) complaints.

Sewer Maintenance crews performed scheduled maintenance sites four (4) trouble sites citywide: #2, #12, #27, and #44.

Scheduled maintenance was performed on the following equipment: Both of the Wastewater departments sewer jet trucks.

There were four (4) sewer excavations in December: 43 Thompson Street, 101 Clark Hill Road (emergency dig), 216 Naugatuck Ave., and 29 Carlson Drive.

Other duties performed by Sewer Maintenance crews:

1. The crews had to jet out the sewer line at the Gulf Pond Pump Station. We also tv'd for acceptance the East West Interceptor line.
2. The sewer maintenance crews received the new dig truck which was order several months ago and are in the process of setting up for all the sewer equipment and materials.
3. The crews also assisted plant staff at the West Ave. Pump Station after a water main break at Pearl Hill and Clark Street caused numerous problems there.

A total of 15,150 ft. were jet flushed, 3650 feet were TV'ed with our standard TV equipment, and 210 ft. were spy tv'ed. We also hand rodded 200 ft, used the hydraulic jet root cutter to relieve 300 ft, root treated 195 ft., smoke tested 500 ft. and dye tested 75 ft. to check for sewer connection.

RECESS:

At the request of Commissioner Michael Brown, Chairman Paul Austin called a recess at 8:18 p.m.

At 8:21 p.m. Chairman Paul Austin reconvened the Regular Meeting of the Sewer Commission.

CHAIRMAN'S REPORT**Administrative Approvals:****905 BOSTON POST ROAD – Connecticut's Own Volvo/Mazda**

Application to connect a proposed detailing shop, used auto display and service car wash to the City's Sanitary Sewer System meets the criteria to be administratively approved by the Sewer Commission.

The total approved proposed gallonage for the entire parcel is 1,609 gallons per day.

The total allowable gallonage for the entire parcel is 5,790 gallons per day.

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

Commissioner Robert Carroll **MADE A MOTION** to approve the minutes of the Regular Sewer Commission Meeting of January 8, 2009.

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

Vice Chairman Donald Anderson **MADE A MOTION** to approve the minutes of the Special Meeting of the Sewer Commission held on January 26, 2009.

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

A. PAYMENTS

Commissioner Robert Carroll **MADE A MOTION** to approve Payment List of February 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 **\$434,063.26;**

to **Carlin Construction**, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of **\$69,196.95;**

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 **\$50,762.30;**

to **Westcott & Mapes**, Buckingham Avenue Force Main, P.O. No. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of **\$23,625.00;**

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 **\$22,007.50;**

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 **\$5,167.50;**

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 **\$10,927.50;**

to **Westcott & Mapes**, Indian River Interceptor Replacement, P.O. No. 08-0050659-001, Account No. 0026-4154-0036-4993-0033 in the amount of **\$560.00;**

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 **\$2,925.00;**

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 **\$3,845.76;**

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 **\$87,002.24.**

The total of Payment List of February 5, 2009 is in the amount of **\$710,083.01.**

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

Commissioner Robert Carroll **MADE A MOTION** to adjourn at 8:24 p.m..

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

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

Respectfully submitted,

Cynthia N. Valeo, Clerk
City of Milford Sewer Commission