

**SEWER COMMISSION**  
**THURSDAY, August 7, 2008**

A Meeting of the Board of Sewer Commissioners was held on August 7, 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; 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; James Cooper,  
Acting Wastewater Superintendent; Laura Miller,  
Sanitarian, Health Department

Absent:                             Commissioner Robert Carroll

**CITIZENS COMMENTS:**

**Edward Chickos – 30 Bridgeport Avenue**

Mr. Chickos had attended the July 10, 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.

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.

**Sammer Karout, 2009 Bridgeport Avenue**

Mr. Karout purchased the Triple Olive Tree in January 2008. Mr. Karout states that The Triple Olive Tree is a grocery and deli. Mr. Karout applied to the Health

Department to expand the number of seats in the restaurant to 59 seats. The Triple Olive Tree does not have any grease recovery unit. Laura Miller, Sanitarian from the Health Department was in attendance and is familiar with the application. She stated that the Triple Olive Tree is a Class 4 restaurant. This in itself does not designate the type of grease system that they will need to install. They only rate the Class by the type of food that is being served.

Mr. Karout states that he is unable to install a 1,000 gallon exterior grease trap due to financial hardship.

Commissioner Michael Brown states that Mr. Karout is in violation at this point in time because at minimum his business should be using an AGRU.

It is suggested by the Commission that Mr. Karout find someone who can give him information regarding how much grease that his restaurant produces and then return to the Sewer Commission.

### **PETITIONS**

None

### **TABLED APPLICATIONS**

None

### **WESTCOTT AND MAPES, INC.**

Mark Davis, Engineer, Westcott & Mapes, Inc. reported.

#### **A. Contract 2004-B Bridgeport Avenue/Riverside Drive**

Westcott and Mapes, Inc. reported that Complete Construction Co. installed the authorized additional waste line from the north east corner of house #26 Bridgeport Avenue to the sewer lateral at the rear of the property. The work is complete and inspected. Westcott and Mapes, Inc. kindly presents change order #9, for processing, regarding this authorized work. The request for payment of this item will occur next month.

Commissioner Michael Brown **MADE A MOTION** to approve Change Order #9 in the amount of \$6,000.

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

Also, Complete Construction Co. has requested the release of the final 2% retainage in next month's invoice. Per discussions with and authorization from the director of Public Works and our review and satisfaction of completion of the work, on behalf of Complete Construction Co., we respectfully request your concurrence for the contractor's next months invoice to include the release of the retainage.

Commissioner Michael Brown **MADE A MOTION** to release the final 2% retainage to Complete Construction Co.

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

**B. Indian River Interceptor Manhole Rehabilitation**

No change.

**C. Wolf Harbor/Avalon**

No change.

**D. East/West Interceptor**

Westcott and Mapes, Inc. reported that materials are currently being delivered to the site and that sawcutting and similar preparation for excavation is underway. Bypass pumping at the West Avenue Pump Station will begin this Tuesday, August 12<sup>th</sup>, and pipe installation will begin immediately thereafter. It is expected that the first 1,300 feet of pipe, to the turn in West Avenue, will be installed by the end of the month.

**E. East Broadway Interceptor**

Westcott and Mapes, Inc. reported that the Contract Agreement for this project is awaiting signature. In the meantime, Contractor submittals for materials and methods of construction for this project have been received and are being reviewed. Work on this project will begin after Labor Day.

**F. West Avenue Parallel Force Main**

Westcott and Mapes, Inc. reported that necessary easements for this project are being acquired, which will then go before the Planning and Zoning Board and Board of Aldermen for authorization. Once authorized, and the easements recorded, this project will go to bid.

**G. Indian River Interceptor Replacement**

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

**H. Buckingham Avenue Force Main**

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

**EARTH TECH**

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

1. Carlin's Payment Requisition #21 in the amount of \$1,177,677.84 is presented to the Board for approval. This requisition includes work through July 15, 2008 as follows:

**Housatonic Plant - \$750,677.13**

Site work, including paving of the South driveway  
Clarifier #6 equipment installation  
Solids Handling Building - piping , HVAC, Electrical, Painting  
Boiler/Heat Exchanger rebuild  
Scada System Programming  
UV System Installation

The UV system was put on-line this week  
Startup of the Grit and Screenings Building is projected in the next 2 weeks  
Startup of the Solids Handling Building is projected for September 15

**Beaver Brook Plant - \$427,000.71**

Site Work  
Secondary Treatment Tank #1 – concrete, equipment installation, piping, electrical

Secondary treatment tank 1 has been put in operation  
Polymer system is in use  
Digester mixing system has been started up  
The new Boiler/Heat Exchanger is in operation

2. Change Order #38 in the amount of a \$6,000.00 credit is submitted to the Board for approval. It includes elimination of field performance testing for the digester gas mixing systems at both plants. This was discussed at the July Sewer Commission Meeting.

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order #38 in the amount of a \$6,000 (decrease) .

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

3. Change Order #39 in the amount of \$16,441.00 is submitted to the Board for approval. It includes pressure washing and painting of the primary digester cover at the Beaver Brook plant and replacement of caulking around the perimeter of the cover. This work was done on a T&M basis.

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order #39 in the amount of 16,441.00 (increase).

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

4. Change Order #40 in the amount of \$38,121.00 is submitted to the Board for approval. It includes the following items of work done on the basis of T&M at the Housatonic plant:
  1. Widen the corners of the driveway at the West end of the site to accommodate tractor trailer trucks. Also add a paved portion of the driveway to add access to the area between the Anoxic Basins and Primary Clarifier #2.
  2. Widen the pavement area and eliminate the grass area between the Solids Handling Building and the South Aeration Basin to provide more space for trucks to maneuver.

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order #40 in the amount of \$38,121.00 (increase).

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

5. Project Status (Approximate)

Contract price including Change Order #40	\$47,642,306
Original Contract Price	\$46,667,452
	\$974,854
Estimated remaining unit price items	- \$302,000
Contingency Utilized to Date	\$672,854

6. The plant operators at the Beaver brook plant have come up with a list of recommended improvements in addition to what is included in the plans and specifications. The most important item on that list in regards to plant operation is replacement of the plant water system. This system would replace the existing effluent flushing water pumps, the existing froth spray pump and the existing service water system with a package booster pump system similar to what has been installed at the Housatonic plant. This system will save money in the long run, because City water is currently used for the mechanical screen and for the gas compressor included with the gas mixing system. These systems use a considerable amount of water. Estimated cost of this system including necessary changes to the piping system is \$150,000.

Commissioner Michael Brown **MADE A MOTION** to approve the amount not to exceed \$150,000.00.

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

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 draft easement for the sewer connecting the East Broadway and Mayflower sites has been reviewed by the City Attorney and has been returned to the Attorney General's office for revisions. After it is finalized it will 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**

Jim Cooper, Acting Superintendent of Wastewater Treatment spoke regarding an incident that took place this past week at the Gromart's Plaza on New Haven Avenue. The Chinese Restaurant had a grease backup. At that time, it was discovered that the Chicken Basket did not have a grease trap. The Commission will send a letter to the owner of the Strip Mall stating that an exterior 1,000 gallon grease trap will need to be installed for the Chicken Basket restaurant.

Commissioner Michael Brown **MADE A MOTION** to send a letter to the owner of the Gromarts Plaza strip mall regarding the installation of a 1,000 gallon exterior grease trap for the Chicken Basket.

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

Chairman Paul Austin suggested that we re-activate the FOG (Fats, Oil and Grease) Committee. Commissioner Michael Brown volunteered to serve on the FOG Committee. The current members of the FOG (Fats, Oil and Grease) Committee are Engineer, Robert Brinton, Laura Miller, Sanitarian, Raymond Macaluso, Westcott & Mapes, Inc. and Jim Cooper, Acting Superintendent of Wastewater.

Chairman Austin asked if Jim Cooper could compose a job description based on his recommendation for a person that could inspect the grease traps. Jim Cooper was willing to proceed with that request. Chairman Austin suggested that the request for

someone to inspect the grease traps be brought before the Sewer Commission for consideration.

### **CITY ENGINEER**

Bob Brinton, City Engineer presented the Sewer Facilities Upgrade Projects Expenditures and Encumbrances to Date – August 7, 2008.

### **WASTEWATER**

#### **Plants**

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

At the Housatonic Plant normal monthly maintenance was performed. The plant is running well. We are adjusting to using the new equipment and systems as they come on line. The new aeration system and mixers in the anoxic tanks are working well.

At the Beaverbrook Plant normal monthly maintenance was performed. The ultra-violet dis-infection system is working well. We are hoping to see improved nitrogen removal numbers over the next couple of months.

### **Collection System**

#### **Pump Stations**

Scheduled maintenance was performed at the following pump stations: Naugatuck Ave., Captain's Walk and Crowley Avenue

Other duties performed by pump station crews:

1. Several lightning storms caused many power alarms and damaged some equipment.
2. At the Holly Street Pump Station lightning damaged the alarm system and blew out the emergency generator transfer switch. We purchased a new transfer switch and had it installed, the alarm system had to have some of its components replaced both are working now.
3. At Anderson Avenue we did a confined space entry to finish cleaning out the wet well to prevent the frequent pump clogging. We also installed a rebuilt motor on the #3 pump.
4. We had a contractor repair the roof at the Boston Post Road Pump Station because of leaks that could damage electrical equipment.
5. The Wastewater Electrician made repairs to the lighting system at the Sailors Lane Pump Station.

There were sixteen (16) alarms at pump stations in June: 11 for power outage, 1 for high water, and 2 for control power.

**Sewer Maintenance**

Sewer Maintenance answered seven (7) complaints.

Sewer Maintenance crews performed scheduled maintenance at nine (9) trouble sites citywide: #9, #17 #18, #19, #20, #21, #27, #33 and #37.

Scheduled maintenance was performed on the following equipment: The portable electric snake.

There were three sewer excavations in June: 25 Tibbals Street, 70 Spindrift Lane, and 55 Atwater Street

Other duty performed by Sewer Maintenance crews:

1. The crews had to remove a main line blockage at 18 Berwyn Street
2. We finished TV ing for acceptance and inspected the Riverside Drive sewer project.
3. The Technical Services Department tv'd the Milford Ice Pavilion for Engineering

A total of 18,180 ft. were jet flushed, 981 feet were TV'ed with our standard TV equipment, and 675 ft. were spy tv'ed. We also hand rodded 212 ft, used the hydraulic jet root cutter to relieve 316 ft, root treated 300 ft., smoke tested 280 ft. and dye tested 209 ft. to check for sewer connection.

**CHAIRMAN'S REPORT**

None

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

Commissioner Michael Brown **MADE A MOTION** to approve the minutes of the Regular Sewer Commission Meeting of July 10, 2008.

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

**A. PAYMENTS**

Commissioner Louis D'Amato **MADE A MOTION** to approve Payment List of August 7, 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 **\$750,677.13;**



to **Carlin Construction**, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of **\$427,000.71;**

to **Westcott & Mapes**, Buckingham Avenue Force Main, P.O. No. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of **\$15,007.50;**

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 **\$13,392.50;**

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 **\$4,625.00;**

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 **\$10,030.00;**

to **Westcott & Mapes**, Indian River Interceptor – Engineering P.O. No. 06-0043072-001, Account No. 0026-4154-0036-4993-0023 in the amount of **\$13,146.00;**

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 **\$4,290.00;**

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 **\$2,352.66;**

to **Earth Tech**, West Avenue/Gulf Pond, P.O. No. 04-0038905-001, Account No. 0026-4154-0036-4993-0021; in the amount of **\$13,125.00;**

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 **\$9,800.00;**

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 **\$114,690.51.**

The total of Payment List of August 7, 2008 is in the amount of **\$1,378,137.01.**

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

Commissioner Michael Brown **MADE A MOTION** to adjourn at 9:10 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, September 4, 2008 at 7:30 p.m.**

Respectfully submitted,

Cynthia N. Valeo, Clerk  
City of Milford Sewer Commission