

SEWER COMMISSION
THURSDAY, December 6, 2007

A Meeting of the Board of Sewer Commissioners was held on December 6, 2007, 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 Robert Carroll; and
Commissioner Louis D'Amato

Others Present: Robert Brinton, City Engineer, Consultant Westcott &
 Mapes, Inc. Raymond Macaluso, Consultant Earth Tech -
 Ken Bradstreet and James Cooper, Wastewater

Absent: Vice Chairman Donald Anderson

CITIZENS COMMENTS:

None

PETITIONS

13 & 15-23 River Street

Map 54, Block 397, Parcel 6

Map 54, Block 397, Parcel 7

David Fernandez, 15 River Street, Milford, CT

Joseph Agro, 58 River Street, Milford, CT

Application is to increase the number of seats inside the restaurant at 13 River Street from 20 to 40 seats and to add 30 patio seats. Applicant has also requested to amend the application in order to convert the 30 patio seats in the winter to be used in an upstairs event room.

Commissioner Louis D'Amato **MADE A MOTION** to approve the application to increase the number of seats inside the restaurant to 40 and to add 30 patio seats as submitted. Applicant will need to complete a new application and submit information regarding alternating uses for the patio seats in the winter/ event room in the warmer months.

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

TABLED APPLICATIONS

None

WESTCOTT AND MAPES, INC.**Contract 2000-2: Milford Power**

Westcott and Mapes, Inc. reported that they are reviewing the completed punch list items and Gherlone Excavating Company will return next year for final paving.

Contract 2001b - North of Rte 15, Wheelers Farm, Musket Hill Lane, Pine Knobb Terrace, Herbert Street, Lavery Lane, Dart Hill Road and Wellington Road

Westcott and Mapes, Inc. reported no change. The project cannot proceed until the Wolf Harbor/Wheelers Farm Sewer is constructed.

Contract 2004a - Lincoln Avenue/Holbrook Street

Westcott and Mapes, Inc. reported that Trumbull Construction Co.'s paving subcontractor completed final paving on Holbrook Street and Lincoln Avenue.

Contract 2004b - Bridgeport Avenue/Riverside Drive

Westcott and Mapes reported that the Contractor, Complete Construction Co., finished installation of the Bridgeport Avenue (U.S. Route 1) sanitary sewer crossing and is now in the process of completing work on Riverside Drive. A temporary pavement patch was installed over the Route 1 crossing for the winter. Permanent pavement installation for Route 1 and the final pavement overlay of Riverside Drive will be completed this coming spring. The Contractor's Payment Requisition #2, certified by Westcott and Mapes, Inc. for the amount of \$165,218.15 was submitted to the Sewer Commission for approval.

Indian River Interceptor Manhole Rehabilitation

Westcott and Mapes reported that they have received and reviewed all of the shop drawings. The Contractor is awaiting frozen ground to schedule his work in accordance with the approved change order.

East Broadway Interceptor Replacement

Westcott and Mapes has reported no change. The project is on hold until the City authorizes additional funding.

Contract 2006**Fresh Meadow Lane, White Oaks Terrace, Wheelers Farm Road, Macadam Terrace, Boras Lane, East Rutland Road, Roller Terrace, High Street and Wilson Street Sewers**

Westcott and Mapes, Inc. is continuing with the design.

Wolf Harbor/Avalon

Westcott and Mapes reported no change, they are waiting for a response from Avalon for final design plans.

East/West Interceptor

Westcott and Mapes, Inc. reported that the project is scheduled to be bid this month with bids to be opened in January 2008 and the contract awarded in February.

Commissioner Robert Carroll **MADE A MOTION** to approve Complete Construction Company Payment Requisition #2 in the amount of \$165,218.15.

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

EARTH TECH**A. Housatonic & Beaver Brook Wastewater Treatment Plant**

1. The DEP draft priority list has been issued and the Beaver Brook Plant and the balance of the cost of the Housatonic plant will receive funding. The Loan-Only program which was to have funded the pump station and interceptor projects was eliminated, however.
2. Housatonic Plant Progress: Clarifier #5 walls are complete, Clarifier #6 base slab is complete, walls are being poured for the South Re-aeration tank. Roof planks have been placed for the Solids Handling Building and the Grit and Screenings Building and the roofs are being prepped for concrete topping. Piping and electrical work is progressing in the Solids Handling Building and piping is being installed in the Primary Digester. Site piping is being installed.
3. Beaver Brook Progress: The new belt filter press is operational and is being used by the plant staff in manual mode. Asbestos in the Operations Building has been removed. Piping has been completed at the South end of the aeration tanks and the effluent troughs are being formed. Work is almost complete on the first secondary settling tank. Piping and electrical work is continuing in the Operations Building Basement and the Digester Building.

4. Carlin has given us a price of \$86,000 to install staging in the Primary Digester at the Housatonic Plant and a price of \$27,000 to pressure wash the interior of the cover. This work is necessary to inspect the damage to the steel structure and make necessary repairs. This does not cover the cost of repairs. Sandblasting and painting would add another \$104,000, however we are hopeful that most of the protective coating is OK and we can do spot painting. We do not have a price for Beaver Brook yet, but it will be less because it is smaller. It will be necessary to sandblast and paint the Beaver Brook cover because of the extent of the rust, but there is expected to be less structural damage than Housatonic.
5. We are requesting approval of the Sewer Commission for Change Order # 6A in the amount of \$21,519.00 for work to be done at the Housatonic Treatment plant. This includes repairs to structural members in Primary Clarifier #1, emergency repairs to Clarifier #2 and galvanized door frames for the Solids Handling Building that were shown incorrectly on the drawings.

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order 6A for work to be done at the Housatonic Treatment plant in the amount of \$21,519.00.

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

6. We are requesting approval of the Sewer Commission for Change Order # 6B in the amount of \$42,238.00 for work to be done at the Beaver Brook treatment plant. This includes refurbishing of the trolley and hoist for the Grit Chamber (previously approved by the Sewer Commission) and making up a 30" leaded joint at the primary settling tank.

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order 6B for work to be done at the Beaverbrook Treatment plant in the amount of \$42,238.00.

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

7. Sketches of the bronze plaques to be furnished for each treatment facility are presented to the Sewer Commission for review and approval.
- B. West Avenue and Gulf Pond Pump Station and Force Main
1. No action due to lack of funding
- C. East Broadway Pump Station Relocation
1. The design is on hold pending completion of soil borings.
- D. Welches Point Pump Stations
1. No action due to lack of funding

USER FEE REVISIONS/ASSESSMENT REVISIONS

Commissioner Louis D'Amato **MADE A MOTION** to approve the Sanitary Sewer Assessment for properties located at Forest Place, Holbrook Street and Lincoln Avenue.

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

COMMITTEE REPORTS

The Committee to Review Sewer Commission Policies met on 12/6/07. The Committee does not have anything to report, however, there will be another meeting scheduled before the January, 2008 regular Sewer Commission Meeting.

CITY ENGINEER

None

WASTEWATER**Plants**

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

At the Housatonic Plant normal monthly maintenance was performed. One of the existing aeration basins is still down until it is determined that the flow warrants putting back in service, a bypass put has been put in to allow this tank to be used while they construct the re-aeration tank at the end of the existing aeration tank. Operation staff is doing their best to keep the plant running well during sometimes trying conditions during construction.

At the Beaverbrook Plant normal monthly maintenance was performed. The #2 primary tank is back on line with new equipment and the #2 final tank has been emptied to allow the replacement of the flights, chains, sprockets and shafts in that tank. Asbestos abatement was done in the office, break room, and Rear office requiring the staff to work in other areas while work was being done.

Collection System**Pump Stations**

Scheduled maintenance was performed at the following pump stations: Ford Street, Morningside Drive, White Oaks Terrace and Buckingham Ave.

Other Duties performed by Pump Station Crews:

1. At the Viscount Drive Pump Station we wired in a lightening and surge suppression system. We also purchased a chain fall with the proper length chain to safely remove the pumps for maintenance purposes.

2. The pump station crews had to unclog the pumps at the Rogers Avenue Pump Station. We believe that this was due to the comminutor being out for repairs.
3. We are continuing your grease and odor control programs at two pump stations (Wanda Road/grease and Gulf Pond/ odor) .
4. We were getting erratic pump run times at the Adams Avenue Pump Station. We had the Wastewater Electrician troubleshoot and found a bad "pumps off" float which we replaced.
5. At the Live Oaks Pump Station we had to have the drive belts replaced on the main supply air compressor.
6. At the White Oaks Terrace Pump Station we had to replace the battery for starting the emergency generator.

There were three (3) alarms at pump stations in October: two (2) were for power outages, one (1) was for alarm panel

Sewer Maintenance

Sewer Maintenance answered thirteen (13) complaints.

Sewer Maintenance crews performed scheduled maintenance at ten (10) trouble sites citywide: #8, #11, #16, #17, #26, #29, #32, #42, #47, and #49.

Scheduled maintenance was performed on the following equipment: All 3" and 4" centrifugal pumps and the crews cleaned and arranged the back storage bays...

There were two (2) sewer excavations in October: at 5 Amherst Lane, and 73 Castle Lane.

Other duty performed by Sewer Maintenance crews:

1. The crews inspected grease restaurant grease traps along Route 1 from Robert Treat Drive to Concord Ave.
2. Sewer maintenance crews made repairs to the silver Sands Tide gate cementing up holes in the walls.
3. Wescott and Mapes Engineers made a request to have us locate and open manholes in the Indian River Easement for contractor inspections.
4. We also found a manhole on Reed Street that was close to collapsing. We installed a new 4 foot concrete top with a new frame and cover.
5. We had to locate two buried manholes for the City Engineering department.

A total of 13,046 ft. were jet flushed, 2933 feet were TV'ed with our standard TV equipment 264 ft. were spy tv'ed, We also hand rodded 96 ft, used the hydraulic jet root cutter to relieve 35 ft, smoke tested 76 ft to identify various problems, and dye tested 163 ft.

Current Events

At the Housatonic Plant roofing was added to the solids handling building and the grit and screenings building. Cement work is being completed on the aeration tanks and final tank #5. Final tank #6 and the re-aeration tanks are in progress. Work is being done at the chlorine contact tanks, and digester areas.

At Beaverbrook the new press is running well, the old press outside will be removed soon. There is work going on at the aeration tank weirs and on the Ultra-violet disinfection structure. The grit hoist is back in place and functional. The digester and the waste sludge holding tank are being worked on also.

CHAIRMAN'S REPORT

None

VOTING

A. PETITIONS - See above

B. MINUTES

Commissioner Robert Carroll **MADE A MOTION** to approve the minutes of the Sewer Commission Meeting of November 8, 2007.

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

C. PAYMENTS

Commissioner Robert Carroll **MADE A MOTION** to approve Payment List of December 6, 2007 as follows.

to **Carlin Construction**, Housatonic Plant Upgrades, P.O. 07-0046625-001, Account No. 0026-4154-0036-4994-0025 in the amount of **\$1,358,727.66;**

to **Carlin Construction**, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of **\$804,873.38**

to **Complete Construction**, Contract 2004-B, P.O. 08-0048976-001, Account No. 0026-4154-0038-4993-0000 in the amount of **\$165,218.15;**

to **Westcott & Mapes**, East/West Interceptor Sewer Replacement, P.O. No. 07-0047617-001, Account No. 0026-4154-0044-4993-0000 in the amount of **\$23,407.50;**

to **Westcott & Mapes**, Contract 2006, P.O. No. 06-0045211-001, Account No. 0026-4154-0039-4993-0000 in the amount of **\$10,117.50;**

to **Westcott & Mapes**, Bridgeport Avenue/Riverside Drive Sanitary Sewer

Connection, P.O. No. 07-0047975-001, Account No. 0026-4154-0038-4993-0000 in the amount of **\$18,475.00;**

to **Westcott & Mapes**, Indian River Manhole Repairs, P.O. No. 07-0047722-001, Account No. 0026-4154-0036-4993-0023 in the amount of **\$405.00;**

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 **\$4,839.75;**

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 **\$99,572.78.**

The total of Payment List of December 6, 2007 is in the amount of **\$2,485,636.72.**

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

Commissioner Robert Carroll **MADE A MOTION** to adjourn at 8:45 p.m.

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

The next meeting of the Board of Sewer Commissioners is scheduled for **Thursday, January 10, 2008 at 7:30 p.m.**

Respectfully submitted,

Cynthia N. Valeo
Secretary, City of Milford Sewer Commission