

**SEWER COMMISSION  
MEETING  
THURSDAY, September 6, 2007**

A Meeting of the Board of Sewer Commissioners was held on September 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; Vice Chairman, Donald Anderson;  
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: Commissioner Seth Cohen

**CITIZENS COMMENTS:**

None

**PETITIONS**

**180 Melba Street**  
**Map 38, Block 533, Parcel 1**  
**Mark Davis, Engineer, Westcott and Mapes, Inc. New Haven, CT**

Application is to connect a proposed 50 unit condominium complex (18-1 bedroom, and 32-2 bedroom) to the City's sanitary sewer system.

Commissioner D'Amato **MADE A MOTION** to approve the application to connect a proposed 50 unit condominium complex (18-1 bedroom, 32-2 bedroom) to the City's sanitary sewer system. The proposed gallonage for the proposed condominium complex is 5,940 gallons per day. The proposed fixture count is 80 toilets, 122 handsinks, 72 tub/showers, 9 showers, 50 kitchen sinks, 50 dishwashers, and 50 washers.

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

**HOUSATONIC**

**APPROVED**

**NON-CONFORMING**

**122-158 Cherry Street**  
**Map 66, Block 814, Parcel 1**  
**Map 66, Block 835, Parcel 17**  
**Map 66, Block 825, Parcel 17A**  
**Ronald W. Wassmer, CCG, 158 Research Drive, Milford, CT 06460**

Application is to modify the previous application approved on 12/15/05 to substitute a dental office for an office. Mr. Wassmer from CCG presented a revised criteria sheet.

Vice Chairman Anderson **MADE A MOTION** to approve the dentist's office as a new use. The revised proposed gallonage for the proposed building is 2,589 gallons per day. No fixture count was given for the dentist's office.

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

**HOUSATONIC**

**APPROVED**

### **TABLED APPLICATIONS**

None

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

#### **Contract 2000-2: Milford Power**

Westcott and Mapes, Inc. reported that Milford Power Company's Contractor, Louis Gherlone Excavating Co., has installed 48% of the Cooling Water Discharge Pipe.

#### **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 the Contractor, Trumbull Construction Co., completed the additional work requested by the City under Change Order No. 4. The Gas Company has completed their work on Holbrook Street, and final paving is tentatively scheduled for this Fall. The Contractor's Payment Requisition #7, certified by Westcott and Mapes, Inc., for the amount of \$10,780.00, is being submitted to the Sewer Commission for approval.

#### **Contract 2004b - Bridgeport Avenue/Riverside Drive**

Westcott and Mapes reported that a Pre-Construction Meeting was held yesterday with Complete Construction Company. The Notice to Proceed, dated September 6, 2007, is being sent to Complete Construction, they stated that they will begin work immediately.

### **SSES**

Westcott and Mapes, Inc. and City Engineer Bob Brinton visited Milford Plaza, owned by Heyman Properties, on August 17, 2007 and confirmed that the sump pump connected to the sanitary sewer has been disconnected and is now directed to discharge outside the building to Stubby Plain Brook. This now completes this project and is closed out with the exception of two residential properties (95 Locust Street and 72 Cedar Hill Road) turned over to the City Attorney.

### **Indian River Interceptor Manhole Rehabilitation**

Westcott and Mapes reported that Contract agreements are in circulation for department signatures and the Contractor, Terre Hill Composites, will commence work immediately upon receipt of the notice to proceed..

#### **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 they are finalizing the design and are scheduled to submit to Inland Wetlands at their September 19<sup>th</sup> meeting. Plans will also be submitted within two weeks to Bob Brinton, City Engineer for review.

### **EARTH TECH**

#### **A. Housatonic & Beaver Brook Wastewater Treatment Plants**

1. Housatonic Plant Progress: Masonry work is underway at the Solids Handling Building, the Grit and Screenings Building and the Blower Building. Concrete for the South Aeration Tank is complete except for influent and effluent boxes. The base slab has been completed for the North Aeration Basin and the walls are being poured. Forms and reinforcement for new clarifier #5 are being placed. The blowers have been installed in the blower Building and pipe installation has started. Electrical work and HVAC work is proceeding. A bypass of the plant flow is scheduled for next week to allow installation of piping into distribution box #1 from the new Grit and Screenings Building.
2. Beaver Brook Progress: The concrete for the new Secondary Treatment Tank is complete except for the effluent troughs. Concrete for the UV structure is proceeding and backfill is being done adjacent to the new Secondary Treatment Tank. The new belt filter press was installed in the Operations Building today. New equipment is being installed in the primary settling tanks. Electrical work and HVAC work is proceeding.
3. Synagro has completed removing sludge and cleaning the digester at the Housatonic plant, and should have completed work at the Beaver Brook Plant today.
4. A second round of testing for aquatic toxicity of the groundwater discharged from the Housatonic plant passed.

#### **B. West Avenue and Gulf Pond Pump Station and Force Main**

1. We are presently doing a re-estimate of construction and engineering costs of all outstanding projects for the Mayor to present to DEP.

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**

None

### **CITY ENGINEER**

At the August 8, 2007 Sewer Commission meeting, the Commission asked City Engineer Robert Brinton, and Interim Superintendent James Cooper, Wastewater Division to provide the commission with information as to the actual cost to the city of conveying and treating this wastewater over the reported four year period that it was being discharged to our system regarding Heyman Properties at 177 Cherry Street. Chairman Paul Austin distributed a memo dated 9/6/07 written by Robert Brinton and Jim Cooper of Wastewater Treatment regarding 177 Cherry Street – Fee for Discharge of Contaminated Groundwater. The fee was determined to be \$63,753.54. Discharge began on June 8, 2007 and stopped on August 8, 2007 for a total of 61 days. ( $\$0.03/\text{gallon} \times 34,838 \text{ gallons/day} \times 61 \text{ days} = \$63,753.54$ ). A letter had been received on 8/14/07 from Berchem, Moses and Devlin, representatives for Heyman Properties requesting a reduction of the \$0.03 per gallon. It was stated that if we discount the total amount due, we would be setting a precedent. Consensus at the meeting is that the amount owed remain at \$63,753.54. If there are negotiations, this would be turned over to the City Attorney.

Robert Brinton presented a print-out from the City's accounting system, showing the status of the facilities plan projects. Bob noted the balances remaining for the Beaverbrook Plant and the Housatonic Plant. The Finance Director stated that the Commissioners should know how much money remains in each account. In response to a question from Commissioner D'Amato, Bob explained how the bills are sent to the DEP and how the money is wired from the DEP to the City usually on the 18<sup>th</sup> of the month.

### **WASTEWATER REPORT**

#### **Plants**

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

At the Housatonic Plant normal monthly maintenance was performed. The primary digester emptying was completed by Synagro. We are still having some problems with the pumps at West Ave. pump station and continue to work on them. The skimmer arm on the number two primary tank broke requiring us to use the number one primary tank that is partially disassembled temporarily until repairs could be made the next day.

At the Beaverbrook Plant normal monthly maintenance was performed. The sludge dewatering is nearly completed. We are having an issue with a nuisance alarm at times of low flow that we are trying to correct.

**Collection System****Pump Stations**

Scheduled maintenance was performed at the following pump stations: Bowling Green, Concord Ave, Kinloch St., and Watrous Lane

Other Duties performed by Pump Station Crews:

1. At the Watrous Lane Pump Station we replaced the guide rail bracket on pump #2
2. We changed the wear ring on pump #2 at the Flax Mill Road Pump Station
3. We are continuing to maintain the use of Neozyme to try and lower the hydrogen sulfide in the East West Interceptor.
4. At the East Broadway Pump Station we cut up and removed the hydro-pneumatic tank, a piece of equipment no longer in use.
5. We cleaned up and trimmed weeds at the Great Creek tide gate.

There were eight (8) alarms at pump stations in July: five (5) were for power outages, two (2) were for high water, and one (1) for pumps over temperature.

**Sewer Maintenance**

Sewer Maintenance answered nine (9) complaints.

Sewer Maintenance crews performed scheduled maintenance at four (4) trouble sites citywide: #7, #15, #25, and #47.

Scheduled maintenance was performed on the following equipment: Silver Sands State Park/Great Creek Tide Gates, hose reel guide on sewer jet.

There was one sewer excavation in July: At 18-20 Jones Court.

Other duties performed were:

1. Dye tested the Beaverbrook Treatment Plants outfall pipe to help locate the end of the pipe to allow installation of new pilings.
2. We installed a clean out at 771 Milford Point Road
3. Craig George met with manager of Cancun Charlie's to discuss grease trap information.
4. We repaired the lock and hasp on the siphon chamber by the library.
5. Located manholes at Calf Pen Meadow School to allow for proper location of gates in a new fence.

A total of 1685 ft. were jet flushed, 1510 feet were TV'ed with our standard TV equipment 4315 ft. were spy tv'ed, and 863 ft. were hand rodded.

**Current Events**

Craig George is the new Supervisor of Technical services in charge of TV'ing and maintenance of sewer lines. We had a force main break on Naugatuck Ave. we had a

contractor make the repair the same day. The facilities plan work is going well we are anticipating that some of the new equipment and tanks will be connecting to the existing before to long.

### **CHAIRMAN'S REPORT**

Chairman Austin discussed the difficulties in the consideration of guidelines and figuring sewer equivalency. Bob Brinton commented that when the applicants come in and are given an application there are some written and unwritten policies. He discussed how we determine if applications can be administratively approved or if they need to go before the board for approval and that we need clarification.

Chairman Austin suggested the appointment of a Committee to review, study and make recommendations concerning rules, regulations and guidelines, in determining sewer equivalency estimates and to review existing policies of the Commission.

The Committee of Commissioners Robert Carroll and Vice Chairman Donald Anderson together with City Engineer Robert Brinton and Raymond Macaluso of Westcott and Mapes, Inc. were appointed. Chairman Paul Austin will be an alternate member. A report should be presented before the end of the year. This report can be submitted to the City Attorney's office and then be adopted.

### **VOTING**

**A. PETITIONS - See above**

**B. MOTIONS/TRANSFERS**

**C. MINUTES**

Vice Chairman Anderson **MADE A MOTION** to approve the minutes of the Sewer Commission Meeting of September 8, 2007 with the following correction: under Citizen's Comments regarding 213 Cherry Street, the last line should read "...and they had disconnected from the Sanitary Sewer System as of 4:00 p.m. on August 8, 2007".

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

**A. PETITIONS**

**B. PAYMENTS**

Commissioner Robert Carroll **MADE A MOTION** to approve Payment List of September 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 **\$2,329,292.22;**

to **Carlin Construction**, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of **\$955,113.37;**

to **Trumbull Construction Company, Inc.** Holbrook/Lincoln Contract, P.O. 07-0046913-001, Account No. 0026-4154-0038-4990-0000 in the amount of **\$10,780.00;**

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 **\$37,569.00;**

to **Westcott & Mapes,** Contract 2006, P.O. No. 06-0045211-001, Account No. 0026-4154-0039-4993-0000 in the amount of **\$24,170.00;**

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 **\$5,597.50;**

to **Westcott & Mapes,** Indian River Manhole Repairs, P.O. No. 07-0047722-001 Account No. 0026-4154-0036-4993-0023 in the amount of **\$810.00;**

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 **\$10,869.39;**

to **Earth Tech,** East Broadway Pump Station Replacement, P.O. No. 05-0043160-001count Nos. 0026-4154-0036-4993-002422 in the amount of **\$10,600.00.**

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 **\$189,332.95.**

The total of Payment List of September 6, 2007 is in the amount of **\$3,574,455.51**

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

Commissioner Robert Carroll **MADE A MOTION** to adjourn at 8:45 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, October 4, 2007 at 7:30 p.m.**

Respectfully submitted,

Cynthia N. Valeo  
Secretary, City of Milford Sewer Commission

