

SEWER COMMISSION

A meeting of the Board of Sewer Commissioners was held on July 9, 2009, at 7:30 p.m. in Conference Room A of the Thomas C. Parsons Complex, 70 West River Street.

Chairman P. Austin called the meeting to order at 7:32 p.m.

The following Commission Members were present:

Chairman Paul Austin, Commissioner Michael V. Brown and
Commissioner Louis D'Amato.

Others Present: Consultants Raymond Macaluso and K. Mark Davis, Westcott and
Mapes, Inc.; Consultants, AECOM, Inc. Kenneth Bradstreet and
Charlie Smith; and James Cooper, Acting Wastewater Superintendent.

Excused: Commissioners' Donald Anderson and Robert Carroll.

CITIZEN'S COMMENTS:

None.

PETITIONS ACCORDING TO DATE & TIME THEY WERE SUBMITTED

None.

NON CONFORMING APPLICATION (PETITIONS)

None.

TABLED APPLICATIONS

None.

WESTCOTT AND MAPES, INC.

Mark Davis, Westcott and Mapes, Inc. presented the following report:

A. Indian River Interceptor & Manhole Repairs

Westcott and Mapes, Inc. reported this project was approved by the Inland Wetland Agency at their July 1st meeting. Easements are in the process of being acquired and we will be meeting with property owners to discuss impact on their property prior to any public meetings.

B. East/West Interceptor Replacement

Westcott and Mapes, Inc. reported that this project is complete apart from minor punch list items. In addition, Westcott and Mapes, Inc. submitted Change Order No. 12 for a credit of \$24,854.38. This is the final change order for the project and reflects the balance of additional work required due to normal construction increases and decreases for bid items not used under the contract. The original amount bid for this project was \$3,151,011. The final contract amount is \$3,321,061.62. Westcott and Mapes, also respectfully requested approval of an amendment to their existing contract for additional work performed and time extensions by Mark IV Construction Company, Inc. for a not to exceed amount of \$31,000 pending City Attorney approval.

Commissioners' D'Amato and Brown made and seconded a motion to approve change order No. 12 in an amount not to exceed \$31,000.

Mr. Davis explained it was an amendment to the existing contract.

Motion carried unanimously.

C. East Broadway Interceptor

Westcott and Mapes, Inc. reported that the payment request submitted at the March meeting is presently being reviewed by the City Attorney.

D. West Avenue Parallel Force Main

Westcott and Mapes, Inc. reported that the Notice of Award has been issued to Louis Gherlone Excavating, Inc. The pre-construction meeting for this project is scheduled for next Tuesday, July 14th. Westcott and Mapes, also respectfully requested approval of an amendment to their existing contract for a not to exceed amount of \$66,000 pending City Attorney approval. This is for the additional cost to have Mark Davis, the project engineer, act as the full-time resident/construction representative at the site during the thirteen month construction period and is recommended due to concern over the Contractors' level of experience with sewer construction projects of this size and complexity.

Commissioners' Brown and D'Amato made and seconded a motion to approve an amendment to the Westcott and Mapes, Inc. contract in an amount not to exceed \$66,000 pending the approval of the City Attorney.

Motion carried unanimously.

E. Buckingham Avenue Force Main

Westcott and Mapes, Inc. report that administrative approval of this project is being prepared by the Inland Wetland Agency and that Coastal Area approval has been received from the Planning and Zoning Board. The plans have also been submitted to DEP for their approval and to the utility companies for comment.

F. West Avenue Pump Station Emergency Repair

Westcott and Mapes, Inc. reported that this project is complete and can be removed from the agenda items.

EARTH TECH, INC./AECOM TECHNICAL SERVICES, INC.

Kenneth Bradstreet presented the following report:

A. Housatonic & Beaver Brook Wastewater Treatment Plants

1. Carlin's Payment Requisition #32 in the amount of \$341,329.01 is presented to the Board for approval. This requisition includes work through June 15, 2009 as follows:

Housatonic Plant - \$301,682.13

Paving and Landscaping

Operations Building – plumbing, HVAC, electrical

Punch List work

Performance testing of the odor control system was successfully completed and the system is currently on-line

Beaver Brook Plant - \$39,646.88

Change Order Work

Punch List work

There are some outstanding items of work at both plants, including performance testing of the belt filter presses and adjustment and testing of the dissolved oxygen control systems.

8. The spreadsheet showing the status of the project contingency account has been updated to reflect change orders to date, other expenses, and pending items of work. Based on this the Project Status is:

Total change orders through #77	\$1,823,586
Total pending & potential change orders	\$ 80,101
Total remaining unit price items	\$ 0
Earth Tech/AECOM contract extension	\$ 213,060
Independent Materials Testing	\$ 100,000
Force Account work	\$ 20,000
Projected Contingency used	\$2,236,747
Total Contingency	\$2,333,372
Remaining contingency	\$ 96,625

9. The project is approximately 99% complete.

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, which was done on Monday, May 5, 2009.

C. East Broadway Pump Station Relocation

1. The design for the project is almost complete and the plans and specifications are being packaged for bidding.
2. The sewer portion of the project crosses the wetlands, which requires review by the Inland Wetlands Commission. Approval of the project was obtained at a Public Hearing held on July 1, 2009.

3. Easement documents are being prepared by Westcott & Mapes for the expansion of the pump station site on property owned by the Milford Redevelopment and Housing Partnership.
4. This project was delayed approximately 2 ½ years to obtain an easement from DEP. During this period we could not obtain soil borings and we kept the design process in suspension. Since that time, payroll rates and overhead have increased. The cost of the geotechnical engineering and soil borings increased. In addition to that, we have an increase in the scope of the electrical design to include the connection and the equipment to provide emergency power to the Housing Authority. Based on this we are requesting approval of an amendment to our Contract in the amount of \$33,700 to cover our increased costs. This would come out of the project contingency and would not impact the total amount of monies authorized for this project.

Commissioners' D'Amato and Brown made and seconded a motion to approve the amendment to the Westcott and Mapes, Inc. contract in the amount of \$33,700.

Mr. Bradstreet explained the costs belong to both Westcott and Mapes, Inc. and Earth Tech/AECOM.

Motion carried unanimously.

D. Welches Point and Rock Street Pump Stations

1. Earth Tech has started design work on this project.

E. West Avenue Pump Station Emergency Repairs

1. The West Avenue Emergency Repairs have been successfully completed. There is a minor amount of work remaining.

F. Emergency Repairs at Housatonic Treatment Plant

1. The primary clarifier is being emptied. Equipment problems have delayed the work; however it should be complete this week. This clarifier has been the source of odors that have resulted in complaints to the Mayor's office.
2. Belt Filter Press feed pump No. 1 was found to be damaged and a replacement pump has been ordered. Lobes and seals have been ordered for the BFP Feed Pump No. 2, which also showed excessive wear.

3. The grinder which is connected to Belt Filter Press Feed Pump No. 1 was dismantled and found to be in good condition and is being reassembled
4. Belt filter Press No. 2 is to be inspected for damage by the manufacturer.

USER FEE REVISIONS/ASSESSMENT REVISIONS

None.

COMMITTEE REPORTS

None.

CONSULTING ENGINEER'S REPORT

Mr. Macaluso reported he received tonight from Mr. Cooper an invoice from McVac Environmental Services, Inc. in the amount of \$7,224, which covers the costs for their services for the emergency repairs at the West Ave Pump Station. He stated this should be their final invoice and that it would be submitted to Kim Kell, the City's Risk Manager for processing.

Commissioners' D'Amato and Brown made and seconded a motion to approve payment in the amount of \$7,224 to McVac Environmental Services, Inc. Motion carried unanimously.

WASTEWATER REPORT

Mr. Cooper, Acting Wastewater Superintendent presented the following report:

Plants

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

At the Housatonic Plant normal monthly maintenance was performed. Most systems are on line and we are trying to work out the bugs to get everything operating smoothly, we still need to get the secondary digester operating to allow us to start using the sludge thickening system. We are still having trouble with aeration control system and the Ultra-violet disinfection system. Site restoration is underway.

At the Beaverbrook Plant normal monthly maintenance was performed. Carlin Contracting is working on punch list items. We have some problems with the aeration control system and the odor control system.

Collection System – Pump Systems

Scheduled maintenance was performed at the following pump station: Viscount Drive and Adams Avenue pump stations.

Other duties performed by Pump Station Crews:

1. The outside control panel was replaced at the Naugatuck Avenue Pump Station due to the old one rusting away. We will be doing several more in the future.
2. At the Adams Avenue Pump Station the fuel tank for the emergency generator took on a large amount of ground water. The system had to be pumped and flushed to get the unit up and running again.
3. The air compressor that controls pump levels at the Carriage Drive Pump Station was replaced due to a compressor failure.
4. The drive shaft was removed, rebuilt and re-installed on the #2 drive line at the Milford Point Road Pump Station.
5. At the Morningside Pump Station we moved the outside control panel to inside the station due to the saltwater corrosion problem.
6. At the Concord Avenue Pump Station we tested all the alarm points with Northwest Communications Co. to make sure they were compatible with the Housatonic Plant SCADA system. We also had to replace the level control transmitter that caused a high wet well alarm.

There were six (6) alarms at pump stations in May: 3 for power outages; and 3 for high water.

Sewer Maintenance

Sewer Maintenance answered eight (8) complaints.

Sewer Maintenance crews performed scheduled maintenance sites five (5) trouble sites citywide: #14, #16, #34, #35 and #44.

Scheduled maintenance was performed on the following equipment: Hand rods heads; also the Jet truck and the dig truck.

There were two (2) sewer excavations in May: 7 Wood Avenue and 68 Edgefield Avenue.

Other duties performed by Sewer Maintenance crews:

1. The sewer maintenance crews worked at the West Avenue Pump Station jetting rocks and gravel from the pump lines. The crews' also hauled away grit and gravel with our dump truck.
2. We also opened up all the manholes on the East West Interceptor project for inspection and assisted in the paving with ring raising of manholes.
3. The crews made repairs and filled the fountain at the head of the Milford Green.

Total of 15,030 ft. were jet flushed; 1,675 feet were TV'ed with our standard TV equipment; and 385 feet were spy tv'ed. We also hand rodded 218 feet, used the hydraulic jet root cutter to relieve 560 feet; root treated 415 ft; smoke tested 1,020 feet and dye tested 516 feet to check for sewer connections.

I reported last month about the elimination of a process operator's position by the Board of Aldermen and how I believed this to be improper for several reasons. I have since discussed this matter with the City Attorney and he does not agree with my position and that the Board of Aldermen did anything wrong.

CHAIRMAN'S REPORT

Administrative Approvals:

Chairman Austin reported there were two (2) Administrative Approvals

1651 Boston Post Road – Chase Bank (Old Dakota steakhouse)

Administratively approved to connect a proposed bank/office/warehouse to the City's sanitary sewer system. Allowable gallonage for the entire parcel is 3,735 gallons per day. The proposed gallonage for the entire parcel is 126 gallons per day.

164 Rogers Avenue – Milford Port Marina

Administratively approved to connect a SaniSailer Sentinel S100 for sewage disposal from boats into the City's sewer system at the Marina. Allowable gallonage for the entire parcel is 6,600 gallons per day. The proposed gallonage for the entire parcel is 2,204 gallons per day. This sewage disposal from boats is seasonal and will probably only occur in the spring/summer months.

VOTING

A. Petitions – None.

B. Regular Meeting Minutes: 6/11/09

Commissioners' D'Amato and Brown made and seconded a motion to approve the minutes of the Regular Meeting held on June 11, 2009. Motion carried unanimously.

C. Public Hearing Minutes User Fee: 6/11/09

Commissioners' D'Amato and Brown made and seconded a motion to approve the minutes of the Public Hearing RE: User Fee held on June 11, 2009. Motion carried unanimously.

D. Payments

Commissioners' D'Amato and Brown made and seconded a motion to approve the payment List of July 9, 2009 as follows:

to Carlin Contracting Company, Housatonic Plant Upgrades, P.O. 07-0046625-001, Account No. 0026-4154-0036-4994-0025 in the amount of \$301,682.13;

to Carlin Contracting Company, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026 4154-0036-4994-0024 in the amount of \$39,646.88;

to Westcott and Mapes, Buckingham Avenue Force Main, P.O. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of \$15,622.50;

to Westcott and Mapes, West Avenue Parallel Force Main, P.O. 08-0050658-001, Account No. 0026-4154-0036-4993-0031 in the amount of \$4,777.50;

to Westcott and Mapes, Indian River Interceptor Repl., P.O. 08-0050659-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$5,822.50;

to AECOM/Earth Tech, East Broadway PS Replacement, P.O. 05-0043160-001, Account No. 0026-4154-0036-4993-0022 in the amount of \$3,000.00; and

to AECOM/Earth Tech, Engineering Services WWTP Upgrade, P.O. 06-0045461-001, Account No(s). 0026-4154-0036-4993-0024 and 0026-4154-0036-4993-0025 in the amount of \$60,668.32.

The total of Payment List July 9, 2009 is in the amount of \$431,219.83.

Motion carried unanimously.

Commissioners' D'Amato and Brown made and seconded a motion to approve the Payment List of July 9, 2009 as follows:

to AECOM Technical Services, West Avenue Pump Station Emergency Repair, P.O. 09-0052967-001 in the amount of \$41,929.56.

Motion carried unanimously.

Commissioners' D'Amato and Brown made and seconded a motion to approve the Payment List of July 9, 2009 as follows:

to McVac Environmental Services, Inc. in the amount of \$7,224.00.

Motion carried unanimously.

Being no further business to discuss, Commissioners' Brown and Amato made and seconded a motion to adjourn. Motion carried unanimously.

The meeting adjourned at 8:10 p.m.

The next meeting of the Board of Sewer Commissioners is scheduled for Thursday, August 6, 2009 at 7:30 p.m.

Respectfully submitted,

Kathleen K. Huber
Acting Recording Secretary