

**SEWER COMMISSION
THURSDAY, SEPTEMBER 3, 2009**

A meeting of the Board of Sewer Commissioners was held on September 3, 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 7:36 p.m.

Members present: Chairman Paul Austin, Vice-Chairman Donald Anderson, Commissioner Robert Carroll and Commissioner Michael Brown

Also present: Consultants Ray Macaluso and K. Mark Davis, Westcott & Mapes, Inc.;
Consultants Kenneth Bradstreet and Charles Smith, AECOM, Inc. and James Cooper, Acting Wastewater Superintendent

Members Absent: Commissioner Louis D'Amato

Citizen's Comments:

None

Petitions According to Date & Time They Were Submitted

None

Non Conforming Applications (Petitions)

None

Tabled Applications

None

Westcott and Mapes, Inc.

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

A. Indian River Interceptor Replacement

Westcott and Mapes, Inc. reported that easements are being acquired for this project and that we have been meeting with owners to discuss impact on their property. This will be completed prior to any public meetings.

B. East-West Interceptor Replacement

Westcott and Mapes, Inc. reported that the Certificate of Final Payment and Completion of Work, together with the Waiver of Liens Prime Contractor, have been received from Mark IV Construction Company, Inc. for this project. Westcott and Mapes, Inc. have reviewed these documents and recommends they be accepted. Commissioner Brown made a motion to accept the Certificate of Final Payment and Completion of Work and the Waiver of Liens Prime Contractor. The motion was seconded by Commissioner Anderson and the motion passed unanimously.

C. East Broadway Interceptor Replacement

Westcott and Mapes, Inc. reported that the payment request submitted at the March meeting is presently being reviewed by the City Attorney. In addition, a claim against the Payment Bond for \$108,497.50 was submitted by Griffin Dewatering, a subcontractor on the project, which is also being reviewed by the City Attorney. No claims, however, have been made against the Performance Bond. Westcott and Mapes, Inc. requests and recommends release of the Performance Bond only.

Commissioner Brown made a motion for release of the Bond for Mark IV and it was seconded by Commissioner Anderson and passed unanimously.

D. West Avenue Parallel Force Main

Westcott and Mapes, Inc. reported that the Notice to Proceed was issued to Louis Gherlone Excavating, Inc. on August 14, 2009. Review of required Contractor submittals for materials and methods is ongoing. The Contractor is expected to start mobilizing on September 8th.

E. Buckingham Avenue Force Main

Westcott and Mapes, Inc. reported that bids were opened this past Tuesday, September 1st, and that Complete Construction Company submitted the bid of \$3,439,310.00 and is the apparent low bidder. The bid exceeds the amount authorized by Board of Finance and Board of Alderman. Westcott and Mapes, Inc. is reviewing the project to see if the scope can be reduced.

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 #34 in the amount of \$140,371.47 is presented to the Board for approval. This requisition includes work through August 17, 2009 as follows:

Housatonic Plant - \$136,500.47

Change Order Work
Demobilization
Punch List work

All systems have been completed

Beaver Brook Plant - \$3,871.00

SCADA and aeration control system

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.

A. Housatonic & Beaver Brook Wastewater Treatment Plants continued

2. Change Order #80, a no-cost change order to extend the contract time is submitted to the Board for approval. Completion of several items of work and testing of key plant systems has been delayed due to the separate Emergency Repair Contract. This change order will result in having the end points of the two contracts coincide.

Commissioner Carroll made a motion to extend the contract 4 months for change order #80, a no cost change order. Commissioner Anderson seconded the motion and it carried unanimously.

3. 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 #80	\$1,865,830.57
Total pending & potential change orders	\$ 10,112.00
Total remaining unit price items	\$ 0.00
Earth Tech/AECOM contract extension	\$ 213,060.00
Independent Materials Testing	\$ 80,635.25
City purchase of phone system	\$ 25,000.00
Force Account work	\$ 20,000.00
Projected Contingency used	\$2,214,637.82
Total Contingency	\$2,333,372.00
Remaining contingency	\$ 118,734.18

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 in January 2010 so that the pump station work coincides with completion of the West Avenue Force Main, which has recently started.

C. East Broadway Pump Station Relocation

1. The plans and specifications have been completed and are being distributed to the City Attorney and the Connecticut DEP for review prior to bidding.

D. Welch's Point and Rock Street Pump Stations

1. AECOM is continuing to work on this project.

E. West Avenue Pump Station Emergency Repairs

1. The West Avenue Emergency Repairs have been successfully completed.

F. Emergency Repairs at Housatonic Treatment Plant

1. Belt filter presses #1 & #2 were disassembled by the manufacturer and were cleaned to remove accumulations of grit and silt. No further damage was found during inspection of the units.
2. Belt Filter Press feed pump No. 2 and its associated grinder will be disassembled and inspected for damage later this week.

User Fee Revisions/Assessment Revisions

None

Committee Reports

None

Consulting Engineer's Report

Mr. Macaluso stated that he reviewed the application for the installation of an Automatic Grease Recovery Unit (AGRU) for a three bay sink in the Alinabal Inc. employee cafeteria and based on the calculations and specifications provided by Guntermann Engineering he recommended the Commission approve the application.

Commissioner Brown made a motion to approve the application. The motion was seconded by Commissioner Anderson and the motion passed unanimously.

Wastewater Report

James Cooper, Acting Wastewater Superintendent presented the following 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 secondary digester is now full and we are using the press and sludge thickening systems. We are working on the aeration control system, having some problems with return pumps, and the odor control system. Nitrogen removal for this year is going very well. Mr. Cooper stated that he has received one quote for the air conditioning for the Housatonic plant which was \$30,000 and is expecting to receive additional quotes soon.

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. We have found some leaks in the roof for the secondary digester affecting its gas holding capability. Nitrogen levels have been okay at Beaverbrook but have been hampered by the aeration control system not working properly.

Collection System Pump Stations

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

Other Duties performed by Pump Station Crews:

1. At the Concord Ave. Pump Station we had to replace the battery charger for the emergency generator.
2. The Wastewater electrician installed a new lightening/ surge protector at the Naugatuck Ave Pump Station.
3. At the West mayflower Pump Station we discovered a possible broken discharge valve on the #2 main sewage pump. We redirected most of the flow from the station to East Broadway Pump Station. The West Mayflower Station is scheduled for demolition and a new station will be put in its place along with the elimination of the East Broadway Station.
4. We finished the new control panel at the Mathews Street Pump Station and it is working well.
5. The pump station crews met with a representative from New England Valve to discuss the replacement of the three way discharge valves at the Anderson Ave. Pump Station.
6. At the Old field Lane Pump Station, Central Electric and Generator continued work on the drive motor on the emergency generator.

There were seventeen (17) alarms at pump stations in July: 10 for power outages, 6 for high water and 1 for the battery charger at Concord Ave.

Sewer Maintenance

Sewer Maintenance answered seven (7) complaints.

Sewer Maintenance crews performed scheduled maintenance sites four (4) trouble sites citywide: #23, #25, #35, and #47.

There were no (0) sewer excavations in July.

Other duties performed by Sewer Maintenance crews:

1. The sewer maintenance crews used the hydraulic root cutter to remove a root blockage at the Revere Place Easement.
2. The crews had to repair a manhole at Little Pond Extension.
3. They also helped out at the Housatonic Treatment Plant to jet out several lines related to the grit removal system

Total of 9,860 ft. were jet flushed, 1050 feet were tv'ed with our standard TV equipment, and 680 ft. were spy tv'ed. We also hand rodded 135 ft, used the hydraulic jet root cutter to relieve 250 ft, root treated 175 ft., smoke tested 555 ft. and dye tested 260 ft. to check for sewer connection.

Chairman's Report

Chairman Austin reported there was one Administrative Approval:

- 209 Boston Post Rd – remodel Dentist office to include shower – 483 gpd used per RWA 2008 water records where 1035 gpd are allowed.

Voting

- A. Chairman Austin asked the Commissioners to review the calendar of meeting dates for 2010. Commissioner Carroll made a motion to accept the meeting dates for 2010. Commissioner Anderson seconded the motion and the motion carried unanimously.
- B. Regular Meeting Minutes of August 6, 2009
Commissioners Brown and Anderson made and seconded a motion to approve the minutes of the Regular Meeting held on August 6, 2009. Motion carried unanimously.
- C. Payments

Commissioners Carroll and Anderson made and seconded a motion to approve the payment List of September 3, 2009 as follows:

- To Carlin Contracting Company, Housatonic Plant Upgrades, PO 07-0046625-001, Account No. 0026-4154-0036-4994-0025 in the amount of \$136,500.47
- To Carlin Contracting Company, Beaverbrook Plant Upgrades, PO 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of \$3,871.00
- To Westcott and Mapes, Buckingham Av. Force Main, PO 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of \$16,395.00
- To Westcott and Mapes, East/West Interceptor Sewer Replacement, PO 07-0047617-001, Account No. 0026-4154-0044-4993-0000 in the amount of \$5,902.50.
- To Westcott and Mapes, West Av Parallel Force Main, PO 08-0050658-001, Account No. 0026-4154-0036-4993-0031 in the amount of \$15,745.00
- To Westcott and Mapes, Indian River Interceptor Rep., PO 08-0050658-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$7,162.50.
- To AECOM/Earth Tech, East Broadway PS Repl., PO 05-0043160-001, Account No.0026-4154-0036-4993-0022 in the amount of \$2,725.00
- To AECOM/Earth Tech, Engineering Services WWTP Upgrade, PO 06-0045461-001, Account No.0024; 0026-4154-0036-4993-0025 in the amount of \$79,403.74
- To AECOM/Earth Tech, Rock St/Welch's PT Pump Stat., PO 08-0050651-001, Account No.0026-4154-0036-4993-0028 in the amount of \$1,897.73.

The total payment list for September 3, 2009 is \$269,602.94.

Plus for the emergency repair of the West Ave Pump Station:

- To AECOM/Earth Tech, Engineering Services, Emergency Repair of Pump Station, PO 09-0052967-001, Account No. 0012-4426-2121-4181-0000 in the amount of \$2,462.83.

The total payment list for September 3, 2009 for the Emergency Repair of the West Avenue Pump Station is \$2,462.83.

Motion carried unanimously.

D. Secretarial Fees for the Regular Monthly Meeting were discussed.

Commissioners Carroll and Anderson made and seconded a motion to pay \$75.00 per meeting for regular meetings.

Motion carried unanimously.

Being no further business to discuss, Commissioner's Carroll and Brown made and seconded a motion to adjourn at 8:03 p.m. and the motion carried unanimously.

The next meeting of the Board of Sewer Commissioners' is scheduled for Thursday October 1, 2009 at 7:30 p.m.

Respectfully Submitted,

Kathleen Kuchta
Acting Recording Secretary