

SEWER COMMISSION

A meeting of the Board of Sewer Commissioners was held on Thursday, November 5, 2009, in Conference Room A of the Parsons Complex, 70 West River Street. Chairman P. Austin called the meeting to order at 7:30 p.m.

The following Commission Members were present:

Chairman Paul Austin, Commissioner Michael V. Brown,
and Commissioner Robert Carroll

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

Excused: Donald Anderson and Louis D'Amato

CITIZEN'S COMMENTS:

G. Salvatore – 17 Saint Andrews Lane – stated she is addressing this Board as a citizen. She stated she has had the opportunity over the past months to speak with far more of her neighbors. She stated the Great River area has been told since 2001 they would receive sewers within 5 years. She went on to explain the situation they have in that area with sewers explaining there are no reserve fields and when their systems fail they fail for good. Ms. Salvatore estimated 15% of the septic systems in this area have failed. She also spoke regarding the storm drain which is close to her sewer system. She stated she had great concerns of a potential environmental catastrophe. She requested a study be done or an engineer's study be conducted. She also asked the Board to be pro-active and address this problem before it becomes a monumental problem. She stated if the Board had any questions they could contact her at her law firm located on the green.

Chairman Austin stated the Board is aware of the problem and is concerned. He stated if they can do something about it immediately they would. He referred to the consultant for the Sewer Commission, Ray Macaluso, who was present.

Mr. Macaluso explained this project was a part of the Capital Improvement Plan 10 years ago. He stated Wolf Harbor and Wheelers Farm is the main trunk line. He stated the Wolf Harbor sewer has to be constructed. He went on to explain the connection with the Avalon application and as part of the settlement they were to install sewer lines, but that the work had not started possibly due to the economy. He stated until that main trunk line is constructed

they have to wait. Mr. Macaluso recommended the neighbors petition for the Wolf Harbor trunk line.

Commissioner Brown asked the estimated cost of the trunk line.

Mr. Macaluso responded \$1,500,000.

Commissioner Brown asked when that figure was from.

Mr. Macaluso replied about 5 years old. He also noted the Boys and Girls Village expansion where they put in dry lines. He also pointed out there is a conceptual design by Avalon, but no movement.

Commissioner Brown asked if this is a high priority and if there are other high priority sewer lines in the city.

Mr. Macaluso replied the area at Great River is a high priority along with Honeycomb Lane and Herbert Street.

PETITIONS ACCORDING TO DATE & TIME THEY WERE SUBMITTED

None.

NON CONFORMING APPLICATION (PETITIONS)

None.

TABLED APPLICATIONS

None.

WESTCOTT AND MAPES, INC.

Mr. Davis presented the following report:

A. Indian River Interceptor & Manhole Repairs

Westcott and Mapes, Inc. reported that the plan revision for this project has been approved by the DEP and that changes are being completed. In addition, easements are being acquired and meetings with owners to discuss impact on their property are ongoing. This will be completed prior to any public meetings.

B. East/West Interceptor Replacement

Westcott and Mapes, Inc. reported that this project is complete and that the guaranty period continues to May 27, 2010.

C. East Broadway Interceptor Replacement

Westcott and Mapes, Inc. reported that the payment request submitted at the March meeting is under review by the City Attorney. Additionally, the claim against the Payment Bond submitted by Griffin Dewatering is also under review by the City Attorney.

D. West Avenue Parallel Force Main

Westcott and Mapes, Inc. reported that sawcutting has been completed on Caswell Street and silt fence installation is complete along Bic Drive. Also, test pits have been performed on Caswell Street. Review of required Contractor submittals for materials and methods is ongoing.

Additionally, Westcott and Mapes, Inc. has received a proposal from GO Environmental of Milford in the amount of \$3,930 to provide environmental consulting services related to the groundwater contamination reported by DEP in the vicinity of the project. Westcott and Mapes, Inc. reviewed the proposal and recommend its acceptance.

Mr. Davis went on to explain the proposal. He stated GO Environmental would do the work plan, which would include a health and safety plan as well as some sampling.

Commissioners' Carroll and Brown made and seconded a motion to accept the proposal of GO Environmental in the amount of \$3,930 as proposed (dated October 19, 2009).

Mr. Macaluso stated he would recommend the Board transfer money in the contingency account to pay for GO Environmental.

Commissioners' Carroll and Brown moved to amend the motion to include money transferred from the West Avenue interceptor to pay the \$3,930 proposal. Motion carried unanimously.

On the main motion, motion carried unanimously.

E. Buckingham Avenue Force Main

Westcott and Mapes, Inc. reported that a reduction in scope for the project is presently awaiting acceptance by the apparent low bidder, Complete Construction Company. Complete Construction has requested that the period of acceptance of their Bid be extended from 90 to 93 days, to the next Sewer Commission meeting on December 3, 2009, to allow for decision by their bonding company on the proposed change of scope. Westcott and Mapes, Inc. recommend approval of an extension.

Mr. Macaluso reported they had a meeting for bonding for next year's capital improvement plan. He explained Complete Construction could not provide a letter until they get approval from the bonding company. He went on to explain the importance of getting the extension.

Commissioners' Brown and Carroll made and seconded a motion to extend the Complete Construction Company's bonding from 90 days to 93 days. Motion carried unanimously.

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

Mr. K. Bradstreet presented the following report:

A. Housatonic & Beaver Brook Wastewater Treatment Plants

1. Carlin's Payment Requisition #36 in the amount of \$32,634.86 presented to the Board for approval. This requisition includes work through October 15, 2009 as follows:

Housatonic Plant - \$27,766.22

Demobilization
Startup and training
Signage

Beaver Brook Plant - \$4,868.64

Closeout
Computer Equipment

Adjustment and testing of the dissolved oxygen control systems at both plants is ongoing. Punch list work is continuing at both plants.

2. Certificates of Substantial Completion have been executed by AECOM and Carlin Contracting for the Odor control system and Screw Centrifugal Pumps at the Housatonic plant. The date of substantial completion for this equipment was agreed on as October 1, 2009. We have not yet issued substantial completion certificates for the mechanical screen & compactor and aeration control systems at either plant, as we are not yet satisfied

with the performance of these systems. The date of substantial completion sets the start date for the one year warranty period.

Commissioners' Carroll and Brown made and seconded a motion to accept and sign the Certificate of Substantial Completion as submitted by AECOM and Carlin. Motion carried unanimously.

4. We have received change order proposals from the contractor totaling approximately \$26,000, including the belt press platforms previously approved by the Board and several relatively minor items of repair and corrective work done by the contractor on a time and material basis. We will submit a final change order for each plant at the next regular meeting of the Board and expect to submit a final payment requisition for Carlin at the January meeting. With the final change order, approximately \$100,000 will remain in the contingency account.

Mr. Bradstreet stated the three blowers – grit chambers that two are running, but are very old. He explained the supplier made a rough proposal to rebuild them at about \$7,000 each. He stated the plant people would take them out to the vendors' shop and rebuild them and bring them back. He stated just to look at the equipment it will cost \$500. He stated the plan is to take the worst one and see if it can be rebuilt.

Commissioner Brown asked what caused the failures.

Mr. Bradstreet replied bad bearings.

Mr. Cooper added high vibrations also factored in. He stated the equipment was also subjected to getting flooded out earlier on in the project. A Brief discussion ensued.

Chairman Austin asked the cost if they were purchased new.

Mr. Bradstreet replied \$18,000.

Commissioners' Brown and Carroll made and seconded a motion to proceed with the inspection at a cost of \$500 and to rebuild the equipment in an amount NTE \$14,000. Motion carried unanimously.

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 have been submitted to the City Attorney and the Connecticut DEP for review prior to bidding.
2. Approval of the plans and specifications has been received from DEP.
3. On approval by the City Attorney, we will schedule advertisement for bids and a pre-bid meeting.

D. Welches 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 Work remaining:

1. Follow up with performance of the two BFP feed Pumps that were rebuilt.
2. Follow up with performance of the BFP's.
3. Disassemble, clean and inspect the second BFP conveyor.
4. Finish rebuilding and monitoring the grit pumps.

USER FEE REVISIONS/ASSESSMENT REVISIONS

- 1) Valley Yacht Club – Riverside Drive

Mr. Jim Manzolli and Lee Cooke introduced themselves to the Board.

Mr. Cooke explained the drawings he brought with him. He pointed out there is no sewer assessment being changed. He explained when the yacht club was built there were no sewers. He continued with a lengthy explanation of the history and how they built their own force main. He stated they have been levied a fee for the frontage in the amount of \$6,000 and that there were here before the Board tonight because they felt it was excessive.

Chairman Austin asked if the sewer line was still there.

Mr. Manzolli replied no, stating it had been capped.

Mr. Macaluso added the 6" sanitary is existing and that they installed the force main and it ran up to Sachem Road. He noted it was installed at the cost of the yacht club. He stated when the sewers were installed by the City/Complete Construction that force line was abandoned. He went on to explain how the club has been assessed. He stated there should be a user fee, but they were exempt from the assessment.

COMMITTEE REPORTS

None.

CONSULTING ENGINEER'S REPORT

Mr. Macaluso referred the Board to Mr. Behrle's memo dated October 28, 2009 regarding as-builts for the East/West Interceptor Sewer Contract, West Ave/Washington St/Erna Ave/Hill St/Clark St/Pearl Hill St projects. He stated they have been reviewed and approved and air tested by Wastewater and that he would ask the Board to accept these as-builts.

Commissioners' Carroll and Brown made and seconded a motion to accept the sanitary sewer as-builts. Motion carried unanimously.

WASTEWATER REPORT

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

Plants

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

At the Housatonic Plant normal maintenance was performed. We are still having some problems at West Ave, but it is getting better. At the plant things are running well, they are still working on punch list items, and there is still training being given. I believe the plant staff is getting used to all the new equipment.

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. Nitrogen levels have been ok at Beaverbrook, but have been hampered by the aeration control system not working properly.

Collection System – Pump Systems

Scheduled maintenance was performed at the following pump stations: Cricklewood Road, Wanda Road and Flax Mill Road Pump Stations.

Other duties performed by Pump Station Crews:

1. The Live Oaks Pump Station has been experiencing erratic operation between the probes and the 3 way air valves. We are checking several systems to correct the problem.
2. At the Carriage Drive Pump Station we had to replace the air compressor that controls the level switches for pump control.
3. The pump station crews performed grounds maintenance on most of the pump stations.
4. The pump Station mechanic made level control adjustments for better operation at the East Broadway Pump Station.
5. We are having problems with the emergency generator at the Captains Walk Pump Station. The contractor that installed the transfer switch was made aware of the problem.

There were four (4) alarms at pump stations in September: 2 for power outages, 1 for high water; and 1 for control power.

Sewer Maintenance

Sewer Maintenance answered six (6) complaints.

Sewer Maintenance crews performed scheduled maintenance sites six (6) troubled sites citywide: #8, #27, #28, #30, #36 and #41.

Scheduled maintenance was performed on the following equipment: The hand rodding equipment was maintained and inventoried, along with the soil piper cutter.

There was one (1) sewer excavations in September: 222 South Broad Street where the UI Company put a pole through the sewer connection due to a difficult to read sewer map.

Other duties performed by Sewer Maintenance crews:

1. The technical services crew worked with Carlin Contracting TV'ing several sewer and drain lines at the Housatonic Plant.
2. The Sewer maintenance crews assisted the pump station Mechanics at the Gulf Beach pump station pouring a new concrete base in the wet well. They also helped the electrician with digging trenches for the new electrical conduits.

Total of 16,880 ft. were jet flushed, 906 feet were TV'ed with our standard TV equipment, and 286 ft were spy tv'ed. We also hand rodded 119 ft., used the hydraulic jet root cutter to relieve 580 ft, root treated 295 ft., smoke tested 955 ft., and dye tested 240 ft. to check for sewer connection.

CHAIRMAN'S REPORT

Chairman Austin reported the following is a list of the Administrative Approvals, which have been approved since the October 1, 2009 meeting:

1. 95 a/k/a 93-99 Gulf Street – Sandpiper Crossing LLC – Requested water usage is 70 gpg allowed uater usage is 720 gpd, prior usage was 104 gpd. Total water usage is 174 gpd.
2. 1776 a/k/a 1770 Boston Post Road – Extra Bases Baseball – requested water usage is 375 gpd, and allowed water usage is 2,565 gpd. Prior water usage was 221 gpd. Total water usage is 596 gpd.
3. 155 Hill Street (Old Robert Shaw Factory) – Q Tran Lighting Co. – requestd water usage is 500 gpd and allowed water usage is 16,425 gpd. Prior water usage was 4,893 gpd. Total new water usage is 5,393 gpd.

VOTING

Chairman Austin recommended the Board eliminate Valley Yacht Club's assessment in front of their property. He noted they gave us a right to use their line, which the City has benefited from. He stated the request is reasonable.

Commissioner Carroll added they have maintained it and took care of it for all these years.

Commissioners' Brown and Carroll made and seconded a motion to forgive the \$6,000.00 assessment to Valley Yacht Club. Motion carried unanimously.

A. Petitions - none.

B. Regular Meeting Minutes: 10/1/09

Commissioners' Carroll and Brown made and seconded a motion to approve the minutes of the Regular Meeting held on October 1, 2009. Motion carried unanimously.

C. Payments

Commissioners' Carroll and D'Amato made and seconded a motion to approve the payment List November 1, 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 \$27,766.22;

to Carlin Contracting Company, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026 4154-0036-4994-0024 in the amount of \$4,868.64;

to Westcott and Mapes, Buckingham Avenue Force Main, P.O. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of \$4,842.50;

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 \$23,235.00;

to Westcott and Mapes, Indian River Interceptor Repl., P.O. 08-0050659-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$7,112.50;

to AECOM/Earth Tech, East Broadway PS Replacement, P.O. 05-0043160-001, Account No. 0026-4154-0036-4993-0022 in the amount of \$4,500.00;

to AECOM/Earth Tech, Engineering Services WWTP Upgrade, P.O. 06-0045461-001, Account No(s) 0024;0026-4154-0036-4993-0025 in the amount of \$38,309.49; and

to AECOM/Earth Tech, Rock St and Welch's Point, P.O. 08-0050651-001, Account No.(s) 0026-4154-0036-4993-0028 in the amount of \$350.81; and

to AECOM/Earth Tech, West Ave/Gulf Pond PS, P.O. 08-0050650-001, Account No. 0026-4154-0036-4993-0039 in the amount of \$5,258.61

The total of Payment List October 1, 2009 is in the amount of \$121,243.77.

Motion carried unanimously.

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

The meeting adjourned at 8:25 p.m. The next meeting of the Board of Sewer Commissioners is scheduled for Thursday, December 3, 2009 at 7:30 p.m.

Respectfully submitted,

Kathleen K. Huber
Acting Recording Secretary