

SEWER COMMISSION

A meeting of the Board of Sewer Commissioners was held on Thursday, February 4, 2010, in Conference Room A of the Parsons Complex, 70 West River Street. Chairman Robert J. Carroll called the meeting to order at 7:30 p.m.

The following Commission members were present:

Chairman Robert J. Carroll, Vice-Chairman Donald Anderson,
Commissioner Louis D'Amato, Commissioner Michael Brown, and
Commissioner Lee S. Cooke

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

CITIZEN'S COMMENTS

None

PETITIONS ACCORDING TO DATE & TIME THEY WERE SUBMITTED

None

NON-CONFORMING APPLICATION (PETITIONS)

None

TABLED APPLICATIONS

None

WESTCOTT & MAPES, INC.

Mr. Macaluso presented the following report and explained the projects in great detail for the commissioners.

A. Indian River Interceptor Replacement

Westcott and Mapes, Inc. reported that Bob Carroll, Robin Lynch and Ray Macaluso met with Win Smith, City Attorney and Cindy Anger, Assistant City Attorney to discuss the protocol to obtain permanent and temporary easements through the owners' property. Ray Macaluso will attempt to meet with each of the property owners and have them accept and signoff on the City's offer. Should the property owner not sign off then Westcott and Mapes will ask the City

Attorney to begin legal proceedings to acquire the property through Eminent Domain. A public hearing is scheduled for 7:00 p.m. March 4th to advise the general public of the sanitary sewer installation only. This meeting is not for the taking of the sewer easements. There was some discussion regarding cancelling the Public Hearing for February 4, 2010. Mr. Macaluso informed the Commissioners that we needed clarification of the protocol for public hearings. Any new sewer lines or new locations of existing sewer lines require a public hearing. Also the temporary easement requires an easement document and a dollar amount offer to acquire it. We need to have Dan Thomas, Tax Assessor give us a value for the temporary easement.

B. East-West Interceptor Replacement

No change from the January 7, 2010 report.

C. East Broadway Interceptor Replacement

No change from the January 7, 2010 report.

D. West Avenue Parallel Force Main

K. Mark Davis of Westcott and Mapes, Inc. reported that 165 of the 380 days provided for completion of this project have passed.

The Contractor, Louis Gherlone Excavating, Inc. has temporarily widened Caswell Street and installed bypass piping in preparation for next week's installation of the discharge manhole at the start of the project. The Contractor has also been pre-drilling rock which will be excavated mechanically. It is expected that the manhole will be completed by the end of next week, with pipe installation proceeding after that.

Also, Westcott and Mapes, Inc. received an invoice from GO Environmental in the amount of \$660 for preparation of the Health and Safety Plan for the project. Westcott and Mapes, Inc. reviewed the invoice and recommends payment.

Additionally, Westcott and Mapes, Inc. has received Pay Application No.1 in the amount of \$81,137.39 from Louis Gherlone Excavating Inc. Westcott and Mapes, Inc. reviewed the application and recommends payment. Chairman Carroll interjected that the amount on the payment spreadsheet for this month was different and made mention to change the spreadsheet amount of \$83,384.52 for Gherlone to \$81,137.39 and the total payments for the month on the spreadsheet to \$920,585.40. K. Mark Davis explained that he had deducted money for a damaged pipe. Commissioner D'Amato inquired about the liability of pipe being stored on site in case it was stolen. Mr. Macaluso explained that although the city owns the pipe the contractor is responsible for it and his insurance company would have to pay for any stolen materials.

E. Buckingham Avenue Force Main

Westcott and Mapes, Inc. reported that the Board of Finance at their meeting held on January 25, 2010 and the Board of Aldermen at their meeting held on February 1, 2010 approved an ordinance appropriating an additional \$1,625,000 for the construction of this project and the issuance of \$1,625,000 in Bonds of the City to meet said appropriation. Mr. Macaluso thanked Commissioner Brown for attending the Ordinance Committee meeting and for his support of the project at the Board of Aldermen meeting. Westcott and Mapes respectfully requested the Commission to authorize the Chairman to execute the Notice of Award and the Notice to Proceed to Complete Construction Company, Inc. for their low bid of \$3,439,310 and the amendment to Westcott and Mapes' contract of \$50,000.

Vice-Chairman Anderson made a motion to approve the Notice of Award and Notice to Proceed to Complete Construction Company and the amendment to Westcott & Mapes' contract of \$50,000. with Commissioner D'Amato seconding the motion. The motion carried unanimously.

AECOM TECHNICAL SERVICES, INC.

Mr. Ken Bradstreet presented the following report to the Commissioners

A. Housatonic & Beaverbrook Wastewater Treatment Plants

1. Carlin's Payment Requisition No. 37 in the amount of \$747,850.23 was presented to the Board for approval. The requisition included work through January 21, 2010 in the following amounts:
 - a. Housatonic Plant - \$529,540.82
 - b. Beaverbrook Plant - \$218,309.41

With the exception of \$27,739.10 utilized for the unit price item for computer equipment, all of the monies included in this requisition represent a reduction in the retainage held. AECOM reduced the total retainage to \$250,000., which is sufficient to protect the City's interest in the remaining punch list work and outstanding items. The one year warranty is up on March 31, 2010. A couple of items that they haven't approved yet is the aeration control system and the mechanical screens.

Adjustment and testing of the dissolved oxygen control systems at both plants is ongoing. Repairs are ongoing on the mechanical screens and compactors. Neither of these systems has been accepted. Punch list items are almost complete, and remaining items largely consist of paperwork.

AECOM has closed out the unit price item for computer equipment, however the City has an outstanding credit of \$14,080.45 with Electrical Installations,

Inc., which may be utilized for equipment, SCADA system programming or service contracts.

2. Change Order No. 81 in the amount of \$12,103.00 was submitted to the Board for approval. It included miscellaneous items of work done at the Beaverbrook Plant on a time and materials basis including:
 - a. Installation of an air release valve on the plant water line in the amount of \$1,112.00.
 - b. Repair gas leak on digester piping and repair walkway grating in the amount of \$7,583.00.
 - c. Furnishing BFP platform in the amount of \$3,408.00.

Commissioner D'Amato made a motion to approve change order No. 81 in the amount of \$12,103.00 with Vice-Chairman Anderson seconding the motion. The motion carried unanimously.

3. Change Order No. 82 in the amount of \$42,266.00 was submitted to the Board for approval. It included miscellaneous items of work done at the Housatonic Plant on a time and materials basis including:
 - a. Replacing grease lines at secondary digester; modifying septage pump piping; installing an emergency call switch and grab bars in the bathroom, which was a requirement of the Building Inspector, and connecting existing sump pump alarms to SCADA in the amount of \$7,442.00.
 - b. Insulating TWAS piping; furnishing 2 BFP platforms; installing locking caps on sprinkler piping, which was a requirement of the Fire Department, and installing new gauges on BFP booster pumps in the amount of \$8,804.00.
 - c. Relocating and rehabilitating 2 hoists in the Operations Building; providing power to the planer in the basement; and shipping charges for the BFP platforms in the amount of \$2,787.00.
 - d. Rebuilding 2 grit blowers in the amount of \$19,599.00.
 - e. Replacing corroded electric contactors for the monorail hoist in the Operations Building and providing power to the radial arm saw in the basement in the amount of \$3,634.

Vice-Chairman Anderson made a motion to approve change order No. 82 in the amount of \$42,266.00 with Commissioner D'Amato seconding the motion.

After some discussion on new items Ken Bradstreet explained that you usually find things when you get into a project. Some items like the grit blower, had only one working, and the grease lines were broken and had to be repaired. There were other items that were required by the Building Inspection Department and the Fire Department that had to be installed.
The motion carried unanimously.

4. Change Order No. 83 in the amount of \$22,704 for electrical upgrades to the grit chamber hoist at the Beaverbrook Plant. This is for the Hauser Company to do the work. Carlin has had another company, Crane America, look at the hoist to give us a price. If the Crane America price is competitive, and their proposal is equivalent or better than Hauser, then AECOM would like to use them. AECOM is asking for the Board to approve Change order No. 83 as a worst case scenario recognizing that the actual change order which will be included in next month's requisition may or may not be lower. The Commissioners had many questions regarding this change order. Ken Bradstreet explained the corrosion of the contacts and the 40 yr old controls and how they arc and corrode easily because they are exposed to the atmosphere. They need to replace them with a variable frequency drive and a 4X electrical cabinet.

Commissioner D'Amato made a motion to approve change order no. 83 in the amount of \$22,704 with Vice-Chairman Anderson seconding the motion. The motion carried unanimously.

5. Change Orders No. 81 and 82 and potential Change Order No. 83 will complete the work, leaving approximately \$52,000 in the contingency account. Total change orders for the Housatonic Plant amount to 2.22% of the original contract price and total change orders for the Beaverbrook Plant amount to 9.68% of the original contract price. Several large items were added at the Beaverbrook Plant, including new raw sewage pumps, new digester recirculation pumps, replacement of the digester gas piping and a new plant water system. Digester repairs added considerably to the project at both plants. The Housatonic Plant is 20 years old and the Beaverbrook Plant is 40 years old.

B. West Avenue and Gulf Pond Pump Stations

1. AECOM is completing the update of the design of the pump stations and is packaging the plans and specifications for bidding. They anticipate submitting this project for review by DEP and the City Attorney sometime in February 2010.

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, and they received comments back from the City Attorney today, they were minor.

3. Upon incorporating the comments from the City Attorney, they will schedule an advertisement for bids and schedule a prebid meeting.

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. Housatonic Treatment Plant Emergency Repairs

1. Work remaining consists of cleaning and inspection of the TWAS pumps.

Commissioner D'Amato inquired when the plants would be formally turned over to the City to which Ken Bradstreet replied that they had given them the substantial completion on the plants last March 31, 2009 and there were other systems that they gave a substantial completion last October 2009, they are the Odor Control System and the sludge pumps. There are two systems that don't meet the specs and AECOM is not going to accept them until they do. They are the aeration control and the mechanical screens. When they are accepted they will have a one year warranty too. Commissioner D'Amato asked if there would be a formal dedication on the plants. Mr. Bradstreet didn't think there would be one but said he would leave it up to the City in the spring.

USER FEE REVISIONS/ASSESSMENT REVISIONS

None.

COMMITTEE REPORTS

None.

CONSULTING ENGINEER'S REPORT

Mr. Macaluso reported that the Board of Finance at their meeting held on January 25, 2010 and the Board of Aldermen at their meeting held on February 1, 2010 approved an Ordinance appropriating \$2,623,500 for the Rogers Avenue Pump Station and High Street Sanitary Sewer Upgrades and the issuance of \$2,623,500 Bonds to the City to meet said appropriation. Mr. Macaluso respectfully requested the Commission to authorize the

Chairman to execute Westcott and Mapes Inc. contract for design and construction administration in the amount of \$285,000 to get the project started.

Commissioner D'amato made a motion to approve Westcott and Mapes contract for design and construction administration in the amount of \$285,000. for the Rogers Avenue Pump Station and High Street Sanitary Sewer Upgrades. Commissioner Michael Brown seconded the motion. The motion passed unanimously.

WASTEWATER REPORT

Mr. James Cooper, Acting Wastewater Superintendent presented the following report and updated the Commission on recent activities at the West Avenue Pump Station where they had to replace the #4 and #1 pumps and transfer switches upgrades for several other pump stations.

Plants

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

At the Housatonic Plant normal monthly 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 tuning the aeration control system.

At the Beaverbrook Plant normal monthly maintenance was performed. We have some problems with the aeration control system and the odor control system. 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: Gulf Pond and East Broadway Pump Stations

Other Duties performed by Pump Station Crews:

1. At the Watrous Lane Pump Station the #1 pump was clogged and needed the jet to clean up the grease.
2. The Wastewater Electrician replaced the Devar level controller at the Holly Street Pump Station.
3. Pump station crews installed a rebuilt pump #2 at the Viscount Drive Pump Station.
4. A new Foxboro pump controller was installed at the Gulf Pond Pump Station.
5. Kovacs Construction installed 2 new 3- way valves at the Anderson Ave. Pump Station.

There were seven (7) alarms at pump stations in December: 2 for power outages, 2 for station trouble, 1 for high water, 1 for generator failure and 1 for fire/smoke.

Sewer Maintenance

Sewer Maintenance answered thirteen (13) complaints.

Sewer Maintenance crews performed scheduled maintenance at seven (7) trouble sites citywide: #2, #12, #20, #22, #27, #39 and #44.

Scheduled Maintenance was performed on the following equipment: The jet truck and the hand rods and heads.

There were two (2) sewer excavations in December: 15 Colony Road, and 19 Pearson Avenue.

Other duties performed by Sewer Maintenance crews:

1. Plugging Anderson Avenue 8" and 10" gravity lines to allow Kovacs Construction to change valves at the Anderson Ave. Pump Station.
2. Assisted True Blue waste removal in keeping wet well level down and cleaning wet well while valves were changed at the Anderson Ave. Pump Station.

Total of 11,480 feet were jet flushed, 1,655 feet were TV'ed with our standard TV equipment, and 710 ft. were spy TV'ed. We also hand rodded 275 feet, used the hydraulic jet root cutter to relieve 620 feet, root treated 465 feet, smoke tested 985 feet and dye tested 395 feet to check for sewer connection.

The foreman at the Housatonic Treatment Plant Dan Gregory has been splitting his time between working in Milford and working in Branford temporarily, while he decides if he wants to retire from Milford.

CHAIRMAN'S REPORT

Chairman Robert Carroll reported that there was one (1) Administrative Approval since the last meeting held on January 7, 2010.

1. 1201 Boston Post Road – Payless Shoes – Allowed water usage for the entire parcel is 112,290 gallons per day. The proposed water usage for this space is 60 gallons per day. The prior water usage for this property was 59,937 gallons per day. The total new gallonage for the CT. Post Mall is 59,997 gallons per day.

VOTING

A. Petitions – None

B. Regular Meeting Minutes 1/7/10 –

Being no Petitions, Chairman Carroll asked for a motion on accepting the meeting minutes of the January 7, 2010 meeting. Vice-Chairman Anderson made a motion to accept the minutes of the January 7, 2010 meeting with Commissioner Cooke seconding the motion. The motion carried unanimously.

C. Payments

Chairman Carroll reiterated again that the Payment list be changed to reflect the change in the amount to Gherlone's Application #1 and the payment list total for the month be \$920,585.40. Commissioner D'Amato made a motion to approve the payment list of February 4, 2010 with Vice-Chairman Anderson seconding the motion 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 \$529,540.82;

To Carlin Contracting Company, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of \$218,309.41;

To Westcott and Mapes, Buckingham Avenue Force Main, P.O. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of \$17,950.00;

To Westcott and Mapes, East Broadway Interceptor Replacement, P.O. 08-0050648-001, Account No. 0026-4154-0036-4993-0027 in the amount of \$10,695.00;

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 \$26,937.50;

To AECOM Technical Services, 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 \$29,546.08;

To AECOM Technical Services, West Ave/Gulf Pond Pump Stations, P.O. 08-0050650-001, Account No. 0026-4154-0036-4993-0039 in the amount of \$5,809.20;

To Louis Gherlone Excavating, Inc. West Avenue Parallel Force Main, P.O. 10-0053639-001, Account No. 0026-4154-0036-4994-0021 in the amount of \$81,137.39;

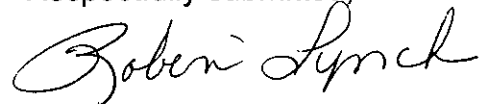
To GO Environmental, West Avenue Parallel Force Main, P.O. 10-0054232-001, Account No. 0026-4154-0036-4994-0021 in the amount of \$660.00.

The total of the Payment List of February 4, 2010 is in the amount of \$920,585.40.

Motion carried unanimously.

Being no further business to discuss, Chairman Carroll asked for a motion to adjourn. Commissioners Cooke and Brown made and seconded a motion to adjourn. Motion carried unanimously. The meeting adjourned at 8:03 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robin Lynch". The signature is fluid and cursive, with the first name "Robin" and last name "Lynch" clearly distinguishable.

Robin Lynch
Acting Recording Secretary