

SEWER COMMISSION MEETING MINUTES MARCH 31, 2011 MEETING

A meeting of the Board of Sewer Commissioners was held on Tuesday, March 31, 2011, in Conference Room A of the Parsons Complex, 70 West River Street. Chairman Carroll called the meeting to order at 7:30 p.m.

COMMISSION MEMBERS PRESENT: Chairman Robert J. Carroll, Vice-Chairman Donald Anderson, Commissioner Lou D'Amato, Commissioner Lee Cooke, and Commissioner Christopher Saley

OTHERS PRESENT: Consultants Raymond Macaluso, of Westcott and Mapes, Inc.; Ken Bradstreet of AECOM, James Cooper, Superintendent of Wastewater

EXCUSED: None

Chairman Carroll opened the meeting and asked if anyone would like to address the Commission under Citizen's Comments and reminded everyone that they are limited to three minutes. Being none Chairman Carroll proceeded to the next item on the agenda.

CITIZEN'S COMMENTS:
None

PETITIONS ACCORDING TO DATE & TIME THEY WERE SUBMITTED

1. 255 – 257 Naugatuck Avenue – 3 lot subdivision

Mr. Joseph Codespoti SR of Codespoti & Associates located at 504 Boston Post Road, Orange, CT. addressed the Commission. Mr. Codespoti handed out pictures to the Commissioners of the blighted building that is on the property now and explained that the property is .183 acres and is 8,000 SF in the Corridor Design District 2 (CDD-2) zone. He explained that Planning and Zoning created this very unique district that is not single family or commercial but was designed for a variety of development. The Sewer Commission has allotted this area 3,000 gallons per day per acre which gives this property 550 gallons per day. About a year ago the developer submitted a request for 2 duplex's (4 units of 2 bedrooms each) that was approved by the Sewer Commission but Planning and Zoning didn't like the parking and said the project was too dense. So they have reduced the number of units to 3 and have separated them into single family houses. The effluent will be the same from these 3 small houses as it would have been with the 2 duplexes. But by Sewer Commission regulations when you separate the units into separate parcels you would need 300 gallons per day each for a total of 900 gallons per day instead of the 540 gallons for the attached units. Mr. Codespoti had called Mr. Macaluso the consulting engineer for the Sewer Commission to discuss the possibility of putting a deed restriction on the houses so that they could never have more than the 3 bedrooms in each house. They could put up three attractive homes and clean up the neighborhood without adding any extra

effluent to the Sewer System. Chairman Carroll asked Mr. Macaluso what his thoughts were on this subject. Mr. Macaluso said that they discussed increasing this special district but because of the choking point on Viscount Drive they could not change the Sewer Commission policy but that he could live with the deed restrictions being put on the land records so that these houses could never have more than 3 bedrooms. From a technical standpoint they won't produce more effluent than the attached units. Commissioner Cooke asked what the catch was to which Mr. Codespoti explained that this is not a single family zone where there are no restrictions on the number of bedrooms you can build. This is a special multiuse zone and you can restrict the number of bedrooms in each house. Commissioner Cooke asked Mr. Macaluso if they had ever done deed restrictions before, to which Mr. Macaluso responded "Yes". Commissioner D'Amato stated that they had to be sure not to increase the amount of effluent and he is comfortable that they are not.

NON CONFORMING APPLICATIONS (PETITIONS)

None

TABLED APPLICATIONS

None

WESTCOTT AND MAPES, INC.

Indian River Interceptor Replacement

Mr. Macaluso reported his office received the approval from DEP and comments from DOT requesting additional changes be made to the Contract Documents. Westcott and Mapes is addressing DOT's comments and the project will be advertised for construction once they are authorized by DOT.

East Broadway Interceptor Replacement

Mr. Macaluso reported that Coastline Construction Corp. has installed approximately 850 linear feet of sanitary sewer and is presently working toward the intersection of East Broadway and Chetwood Street. To date, approximately 28-percent of the interceptor sewer has been replaced, with 158 of 270 days used.

Mr. Macaluso reported during excavation of the existing trench, substantial unsuitable material has been found. It appears when the existing sanitary sewer was installed back in the 50's, the Contractor backfilled the trench with unsuitable material. The test borings were taken outside the trench not to damage the existing sanitary sewer and did not show any indication that there was unsuitable material. Mr. Macaluso explained that his office has been looking at all the alternatives to reduce the cost for backfilling the new trench with common fill. Coastline Construction Corp. is objecting to a recommendation to use the

DPW On-Call contract as an alternative. A meeting is pending with the City Attorney and Mayor to discuss further. In the meantime the Common Fill Item unit cost will be used and a change order is required to increase the Item quantity and was respectfully requested to cover the additional quantity for Common Fill. Commissioner Saley asked why the test borings weren't taken closer to the sewer main then they would have discovered the unsuitable fill. Mr. Macaluso explained that they keep that distance so as not to damage the existing sewer line or other utilities. There was much discussion regarding test borings and the distance that you stay away from existing sewer mains and utilities.

Chairman Carroll asked for a motion to approve the recommendation that they continue using the contract unit cost of \$100.00 per yard for the Common Fill. Commissioner D'Amato made the motion to continue using the contract line item for Common fill with Commissioner Cooke seconding the motion. The motion carried unanimously.

Mr. Macaluso reported temporary repair was made to the existing sanitary sewer that collapsed prior to construction near the intersection of James St. going towards Surf Ave. The Contractor was directed by Westcott and Mapes, Inc. to make the temporary repair to prevent backup to the property owners.

Mr. Macaluso also reported Coastline Construction Corp.'s Pay Application No. 3 in the amount of \$430,114.09 has been reviewed and certified and respectfully requested approval and processing by the Commission.

West Avenue Parallel Force Main

Mr. Macaluso reported that C.J. Fucci Construction, Inc. has installed approximately 4,600 linear feet of force main and is presently working on West Avenue between I-95 overpass and the West Avenue Pump Station. To date, approximately 93 percent of the total force main has been installed, with 200 of 273 days used.

Westcott and Mapes, Inc. presented the request by C.J. Fucci Construction Inc. for Change Order No. 4 which is a decrease of \$97,091.00. This Change Order No. 4 is for Caswell Street-Bic Drive permanent pavement repair by the City of Milford, and West Avenue Pavement Reclamation will be done by C.J. Fucci. The reason is to adjust contract items for work to be performed by Milford DPW, and add new contract item for "West Avenue Pavement Reclamation". Mr. Macaluso stated that it is in the best interests of the City to have Public Works reclaim and pave due to the large volume of truck traffic on these roads. There was much discussion regarding the process and the difference between the reclamation and paving vs. overlay and paving that is normally done.

Chairman Carroll asked for a motion to approve Change Order No. 4 which is a reduction of the contract. Vice Chairman Anderson made the motion to approve the reduction of \$97,091. to the contract with Commissioner D'Amato seconding the motion. The motion passed unanimously.

Mr. Macaluso reported C.J. Fucci Construction Inc.'s Pay Application No. 7 in the amount of \$280,993.22 has been reviewed and certified and respectfully requested approval and processing by the Commission.

Buckingham Avenue Force Main

Mr. Macaluso reported that Complete Construction Co. began saw cutting in preparation for final pavement within the next few weeks. Westcott and Mapes, Inc. presented the request by Complete Construction Co. for Change Order No. 12 in the amount of \$17,174.77. The reason for this change order is that the existing pile caps had to be altered in order for them to accommodate the line-and-grade of the new dual force main; 14.75 hours of additional work was expended while chipping and saw cutting the existing concrete caps.

Mr. Macaluso respectfully requested approval of said change order.

Chairman Carroll asked for a motion. Vice Chairman Anderson made a motion to approve Change Order No. 12 in the amount of \$17,174.77 to alter the existing pile caps to accommodate the line and grade of the new dual force main. Commissioner Cooke seconded the motion. The motion passed unanimously.

Mr. Macaluso stated that last month Mr. Cooper presented to the Commission that Complete Construction had excess material that he wished to purchase for force mains and today he received a letter stating the prices for the excess material that Mr. Cooper, Superintendent of Wastewater wished to purchase from Complete Construction for force mains. The total is \$7,215.99 for the excess material for the force mains. Complete Construction will deliver the parts to the Gulf Pond Pump Station site. Complete Construction stated in their letter that the value of this material is \$8,178.85 which is \$962.86 higher than their cost proposal. Mr. Macaluso requested a Change Order be made in the amount of \$7,215.99 for the material.

Commissioner D'Amato made the motion to approve Change Order No. 13 for the excess material for \$7,215.99 with Vice Chairman Anderson seconding the motion. The motion passed unanimously. Mr. Cooper reiterated again the importance of having the parts on hand in case of a force main break.

Rogers Avenue Pump Station

Mr. Macaluso reported no change from the last report.

Grove Street Pump Station

Mr. Macaluso reported no change from the last report.

Infill Project No. 1

Mr. Macaluso reported the City Attorney is reviewing the Contract as to form.

Chairman Carroll reordered the Agenda so that the Consulting Engineer's Report would be next.

CONSULTING ENGINEER'S REPORT

Mr. Macaluso reported he is working with Debra Kelly, Assistant City Attorney to develop an ordinance to present to the Commission for those food service establishments who do not comply with the grease trap requirements. Ms Kelly is speaking to DEP directly regarding businesses that are classified a 3 or 4 but do not generate much in the way of grease. We don't want to hurt small businesses unnecessarily. The ordinance will be for businesses that generate grease and do not comply.

AECOM TECHNICAL SERVICES, INC.

Mr. Ken Bradstreet, Project Manager of AECOM presented the following report:

Housatonic & Beaver Brook Wastewater Treatment Plants

Remaining issues include:

- Trojan UV – Jim Cooper is working with Trojan; it may be a bad water level probe.
- Hauser (Grit hoist at Beaver Brook) – Work is partially done and a letter to be sent to Carlin giving Hauser 2 weeks to complete. They installed the controls but didn't wire it.
- Spencer Aeration Control – Final check out of system is underway.
- EII (SCADA) – Modem at Beaver Brook will be replaced.
- Mechanical screen system at Housatonic – Vulcan to troubleshoot next week.

West Avenue and Gulf Pond Pump Station

The agreement and bonds for C.H. Nickerson have been submitted to the City Attorney for his review and approval. After his approval it will go to the Finance Director, Chairman of the Sewer Commission and Purchasing agent.

C. East Broadway Pump Station Relocation

The eighth requisition for Computaro & Son Excavating Inc. in the amount of \$584,305.63 is presented to the Board for approval. This requisition includes work through March 20, 2011. \$378,750.50 of the total is for pump station components and materials stored at the United Concrete yard in Wallingford. The requisition includes Certificate of Title and insurance certificates for the stored materials. Adam Martin and Ken Bradstreet toured the United Concrete Plant to inventory the materials and we concur with the value presented with the requisition.

Change Order No. 2 in the amount of \$7,423.50 for asbestos and lead paint removal at the existing Mayflower and East Broadway Pump stations is presented to the Chairman for signature. This work was initially approved at the January Sewer Commission meeting.

When the existing underground fuel tank at the Mayflower Pump station was removed, it was determined that it had leaked. Soil around the tank was removed and stockpiled for disposal to an environmental disposal facility. Samples were then taken of the soil outside of the excavation and laboratory testing determined that additional soil had to be removed. Follow up testing determined that all contaminated soil has been removed. A closure report is being prepared by AECOM for submittal to DEP as per regulations.

Two crews are presently working on the project; one is laying sewer pipe and the other is working on the site of the Mayflower Pump Station. Total pipe installed to March 20th is 944 feet of 21".

D. Welchs Point and Rock Street Pump Stations

AECOM is continuing to work on this project. Submittal of completed plans and specifications is scheduled for June 15, 2011.

USER FEE REVISIONS

None

COMMITTEE REPORTS

None

Chairman Carroll informed the Commissioners that James Cooper is no longer the Acting Superintendent of Wastewater, he has been officially given the title of Superintendent of Wastewater and Chairman Carroll wished to congratulate Jim on his appointment.

WASTEWATER REPORT

Mr. James Cooper, Superintendent of Wastewater presented the following report to the Commission and he stated that he had received notice from DEP that Milford will be selling nitrogen credits for 2010 in the amount of \$127,963 for the Housatonic Plant and \$7,857. for the Beaverbrook plant. Mr. Cooper informed the Commission that he is also getting a lot of phone calls regarding the grease trap regulation. The Commissioners discussed the Grease Trap regulation and that they were in discussion with the City Attorney's office and the Health Department.

Plants:

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

At the Housatonic Plant normal monthly maintenance was performed. They are still having problems with the step screen system, a manufacturer's rep is due out in early April.

At the Beaverbrook Plant normal monthly maintenance was performed.

Collection System

Pump Stations

Scheduled maintenance was performed at the following Pump Stations: Milford Point Road, Welchs Point Road, and Rogers Ave.

Other Duties performed by Pump Station Crews:

- The generator at Old Gate Lane Pump Station had the oil changed, and maintenance performed. We also replaced the bubbler air compressor.
- Two float switches were replaced at the Wanda Road Pump Station.
- The #2 VFD at Gulf Pond had to be repaired.
- A new volute and rebuilt pump was installed at the East Broadway Pump Station.
- We cleaned float switches at several pump station mostly due to grease build up.

There were five (5) alarms pump stations in February: 3 for power outages, and two (2) for high water.

Sewer Maintenance

Sewer Maintenance answered six (6) complaints

Sewer Maintenance crews performed scheduled maintenance sites four (4) trouble sites citywide: #2, #3, #4 and #5

Scheduled Maintenance was performed on the following equipment: All pumps and hoses, 2, 3, and 4 inch and all hand rodding equipment.

There were no sewer excavations in February.

Other duties performed by Sewer Maintenance crews:

- Televised first section of East Broadway interceptor for acceptance.
- Smoke tested Canine Control and GEEC.
- Repaired riser rings on West Ave.
- Installed 5" plugs at some drains at Canine Control.

Total of 9052 ft. were jet flushed, 1,280 feet were TV'ed with our standard TV equipment, and 455 feet were TV'ed with the spy eye camera. We also hand roddeed 205 ft, used the hydraulic jet root cutter to relieve 950 ft, root treated 195 ft., smoke tested 950 ft. and dye tested 340 feet, to check for sewer connection.

At the Housatonic Plant normal monthly maintenance was performed. We had a second recycle pump have a problem that was swapped out and sent for repair, the impeller had worn a hole in the power cable causing a short; the cable was replaced. The stepper screen is having a problem that is causing all three motors to trip out (screen, grinder, and compactor) we are checking this problem out.

At the Beaverbrook Plant normal monthly maintenance was performed. The aeration control system UPS has been replaced and is working satisfactorily.

Collection System Pump Stations

Scheduled maintenance was performed at the following Pump Stations: Matthews Street and Boston Post Road Pump Stations.

Other Duties performed by Pump Station Crews:

- The generator block heater was replaced at Viscount Drive Pump Station.
- At Gulf Pond a drive shaft flange and u-joint were replaced and the contactor on the #4 pump was also replaced.
- The pump alternating switch was replaced at the Ford Street Pump Station.
- There were several clogged pumps at Welchs Point Pump Station and the Ford Street Pump Station.

Snow removal took up much work time and took personnel away from maintenance tasks. There were two (2) alarms at pump stations in January: 1 for power outages, and 1 for low air.

Sewer Maintenance

Sewer Maintenance answered six (6) complaints

- Sewer Maintenance crews performed scheduled maintenance at five (5) trouble sites citywide: #6, #36, #37, #41 and #47.
- Scheduled Maintenance was performed on the following equipment: All pumps and hoses suction and discharge, and the soil pipe cutter.
- There were no sewer excavations in January.

Other duties performed by Sewer Maintenance crews:

- Fabricated signage to mark manholes in various easements.
- Assisted the Fire Department with a sewer backup at Station 7.
- Located manholes in easements around town.
- Scanned and imported sewer repair drawings into the city computer system.

- A total of 11,425 ft. were jet flushed, 1,190 feet were TV'ed with our standard TV equipment, and 815 feet were TV'ed with the spy eye camera. We also hand rodded 355 ft, used the hydraulic jet root cutter to relieve 480 ft, root treated 495 ft., smoke tested 930 ft. and dye tested 550 feet, to check for sewer connection.

VOTING

A. PETITIONS

1. 255 – 257 Naugatuck Avenue – Subdivision

Chairman Carroll asked for a motion. Commissioner Cooke made a motion to approve the 3 single family houses with the deed restriction not to exceed 3 bedrooms and that this deed restriction be placed on the Milford Land Records binding the buyers and developer. Vice- Chairman Anderson seconded the motion. The motion passed unanimously.

B. MEETING MINUTES FROM THE March 1, 2011 MEETING

Chairman Carroll asked for a motion to approve the minutes from the March 1, 2011 meeting. Commissioner D'Amato made a motion to approve the minutes of the March 1, 2011 meeting. Vice-Chairman Anderson seconded the motion. The motion passed unanimously.

C. PAYMENTS

Chairman Carroll asked for a motion to approve the following payment list for this month in the amount of \$1,429,329.34 as follows. Commissioner Cooke made a motion to approve this month's payment list. Commissioner Saley seconded the motion. The motion passed unanimously.

To Westcott and Mapes, Rogers Avenue Pump Station & High Street, P.O. 10-0054821-001, Account No. 0026-4154-0046-4993-0000 in the amount of \$9,475.00;

To Westcott and Mapes, Buckingham Avenue Force Main, P.O. 11-0055839-001, 11-0057051-00, Account No. 0026-4154-0045-4993-0000 in the amount of \$4,747.50;

To Westcott and Mapes, East Broadway Interceptor Replacement, P.O. 11-0056033-001, Account No. 0026-4154-0036-4993-0037 in the amount of \$25,837.50;

To Westcott and Mapes, West Avenue Parallel Force Main, P.O. 11-0056034-001, Account No. 0026-4154-0036-4993-0031 in the amount of \$18,065.00;

To Westcott and Mapes, Indian River Interceptor, P.O. 08-0050659-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$17,317.50;

To AECOM Technical Services, Rock Street and Welchs Point Pump Stations, P.O. 08-0050651-001, Account No. 0026-4154-0036-4993-0028 in the amount of \$7,672.11;

To AECOM Technical Services, West Ave and Gulf Pond Pump Stations, P.O. 08-0050650-001, Account No. 0026-4154-0036-4993-0039 in the amount of \$15,825.38;

To AECOM Technical Services, Mayflower Pump Station, P.O. 08-0050649-001, Account No. 0026-4154-0036-4993-0032 in the amount of \$34,976.41;

To Coastline Construction Corp, East Broadway Interceptor Replacement, P.O. 11-0056384-001, Account No. 0026-4154-0036-4994-0027 in the amount of \$430,114.09;

To R. Camputaro & Son Excavating Inc., East Broadway Pump Station Replacement Project, P.O. 11-0055752-001, Account No. 0026-4154-0036-4994-0022 in the amount of \$584,305.63;

To C. J. Fucci Construction, West Avenue Parallel Force Main Project, P.O. 11-0056192-001, Account No. 0026-4154-0036-4994-0021 in the amount of \$280,993.22;

The total of the approved Payment List for the March meeting is:
\$1,429,329.34.

CHAIRMAN'S REPORT

There were three administrative approvals this month:

1. 439 & 443 Bridgeport Avenue – McDonald's Play Land – They are reconfiguring the drive-thru window cue up. They are allowed 6,150. Gallons per day and are currently using 2,181.70 per the 2010 RWA water records. This restaurant already has a 2,000 gallon grease trap installed. Their water usage should remain at 2,181.70 as they are not doing anything that would change their water usage.
2. 500 Bic Drive – Second floor bathroom remodeling to comply with handicap regulations. This property is allowed 49,110 gallons per day and is currently using 5,086 gallons per day per the 2010 RWA water records. This remodel should have no effect on their water usage.
3. 1201 Boston Post RD – The C & C Market Research space #2067 – Remodel existing spaces. This space will be 1,909 SF in area. $1,909 * .09 = 171.81$ gallons per day. The mall is allowed 112,290 gpd. Their current water usage is a lot less

than their allowed gallonage. Per the 2010 RWA water records the mall's water usage went down.

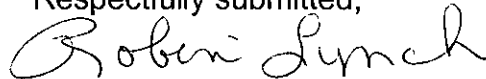
Chairman Carroll asked for a motion to go into Executive Session to discuss Mark IV's claim against the City for the East Broadway Interceptor Replacement Project.

Vice Chairman Anderson made a motion to go into Executive Session to discuss Mark IV's claim against the City at 8:23 p.m. with Commissioner Cooke seconding the motion. The motion passed unanimously.

The Commissioners came out of Executive Session at 8:43 p.m. Chairman Carroll asked for a motion to come out of Executive Session. Vice Chairman Anderson made a motion to come out of Executive Session at 8:43 p.m. Commissioner D'Amato seconded the motion. The motion passed unanimously.

Chairman Carroll asked for a motion to adjourn the meeting. Commissioner Cooke made a motion to adjourn the meeting at 8:45 p.m. Commissioner Saley seconded the motion. The meeting adjourned at 8:45 p.m.

Respectfully submitted,

A handwritten signature in cursive script that reads "Robin Lynch".

Robin Lynch
Recording Secretary