

**SEWER COMMISSION MEETING MINUTES
DECEMBER 2, 2010 MEETING**

A meeting of the Board of Sewer Commissioners was held on Thursday, December 2, 2010, in Conference Room A of the Parsons Complex, 70 West River Street. Chairman Robert J. Carroll called the meeting to order at 8:08 p.m.

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

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

EXCUSED: None

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.

A. Indian River Interceptor Replacement

Mr. Macaluso reported there has been no change since the last meeting.

B. East Broadway Interceptor Replacement

Mr. Macaluso reported review of required submittals from the Contractor, Coastline Construction Corp., for construction materials and methods is ongoing and they are obtaining their highway encroachment permit for the project from DOT District III.

Mr. Macaluso reported that DOT District III required that a letter be sent by the City to the State assuring the state that the city will not release the contractor, Coastline construction Corp from their responsibility until the requirements of CT DOT District III for repaving and restoration of East Broadway (CT Route 737) have been satisfied.

C. West Avenue Parallel Force Main

Mr. Macaluso reported that the Contractor, C. J. Fucci Construction, Inc. has installed approximately 2,415 linear feet of force main and is presently working on West Avenue near the intersection of Bic Drive and West Avenue. To date, approximately 55 percent of the total force main has been installed, with 81 of 273 days used. Mr. Macaluso showed pictures of the construction site to the Commissioners.

Mr. Macaluso also reported that a request for change order in the amount of \$4,916.00 has been received from C.J. Fucci Construction, Inc. This request is for the permanent repair of two storm drains encountered along Bic Drive which needed to be removed due to their proximity to gas and communications utilities. The request has been reviewed and approval is recommended. Mr. Macaluso asked the Chairman for a motion to approve Change Order No. 1 for \$4,916.00 for C.J. Fucci Construction.

Chairman Carroll asked for a motion to approve Change Order No. 1 in the amount of \$4,916.00 for C.J. Fucci to repair two storm drains along Bic Drive. Vice Chairman Anderson made a motion to approve Change Order No. 1 with Commissioner D'Amato seconding the motion. The motion passed unanimously.

Additionally, Mr. Macaluso reported that a change in the proposed alignment of the new force main is necessary, which will require that additional easement area be obtained along West Avenue from ADP, Inc. this change results from the discovery that the location of existing force main on the City of Milford as-built drawings prepared by Metcalf and Eddy is inaccurate and conflicts with the proposed alignment of the new force main. Mr. Macaluso asked the Chairman for a motion to authorize Mr. Macaluso of Westcott and Mapes to meet with ADP, Inc. to acquire the additional easement area that is required.

Chairman Carroll asked for a motion to authorize Mr. Macaluso to meet with ADP, Inc. to acquire the additional easement area from ADP, Inc. Commissioner Cooke made a motion to authorize Mr. Macaluso to meet with ADP, Inc. to acquire the additional easement area with Commissioner Brown seconding the motion. The motion passed unanimously.

Mr. Macaluso reported C.J. Fucci Construction Inc.'s Pay Application No. 3 in the amount of \$514,892.40 has been reviewed and certified and respectfully requested approval and processing by the Commission. Chairman Carroll told the Commission it would be approved on the payment list at the end of the meeting.

D. Buckingham Avenue Force Main Project

Mr. Macaluso reported that Complete Construction Co. has successfully tested approximately 2,100 linear feet of dual ductile iron force main. Bypass lines in Buckingham Avenue have been installed and tested and the installation of the dual force main will resume.

Mr. Macaluso reported Complete Construction Co. may be requesting a thirty (30) day extension of time to their contract due to delays with the State DOT in acquiring their permit and conflicts with the existing utility information not shown correctly based on the City of Milford as-built drawings prepared by Metcalf and Eddy. A change order for additional test pits to verify existing conditions will also be required. Two hundred and forty of the 330 contract days have been used.

Mr. Macaluso reported Complete Construction Co.'s pay Application #8 in the amount of \$219,918.77 has been reviewed and certified and respectfully requested approval and processing by the Commission.

E. Rogers Avenue Pump Station

Mr. Macaluso reported no change since the last meeting.

F. Grove Street Pump Station

Mr. Macaluso presented contract plans showing the proposed location of the pump station and the proposed installation of the sanitary sewer and force main to serve the properties on New Haven Avenue from Anderson Avenue to the West Haven town line, Rosemary Court and Grove Street. An application and contract plans have been submitted to the Inland Wetlands Agency and will be heard at their meeting on Wednesday, December 15, 2010. A Coastal Area Management (CAM) report will be submitted to Mr. David Sulkis for his review and approval.

Mr. Macaluso reported we are on schedule to advertise the week of December 20th and receive bids on or before January 14, 2011.

Chairman Carroll asked for a motion. Commissioner Cooke made a motion to go forward with the project to construct the Grove Street Pump Station and to install sewers in New Haven Avenue from Anderson Ave to the West Haven Town border and to construct sewers in Rosemary Court and Grove Street. Vice-Chairman Anderson seconded the motion. The motion passed unanimously. There was some discussion regarding the 5 proposals for this pump station and the pros and cons between grinder pumps and pump stations.

G. East-West Interceptor Replacement

Mr. Macaluso reported that Mark IV Construction Co. requested release of their retainage for work performed, completed and accepted by Westcott and Mapes, Inc.

in May 2009 and remedial work in August 2010. Mr. Macaluso reported Mark IV's final Pay Application No. 11 in the amount of \$83,026.54 has been reviewed, certified and authorized by the City Attorney and respectfully requested approval and processing by the Commission.

AECOM TECHNICAL SERVICES, INC.

Mr. Raymond Macaluso of Westcott and Mapes, Inc. presented the following AECOM report as Mr. Ken Bradstreet, Project Manager of AECOM was not present at the meeting.

A. Housatonic & Beaver Brook Wastewater Treatment Plants

1. The few remaining issues are in the process of being resolved.

B. West Avenue and Gulf Pond Pump Station

1. Stela Marusin of Connecticut DEP has promised to complete her review by the end of this week. AECOM has informed the City Attorney Win Smith by e-mail of their proposed schedule to advertise the project this month. They have advised him that they intend to get a date from the Purchasing Agent for a bid opening in mid January unless he has an objection. Any comments that he may have can be addressed by addendum.
2. One of the residents of Gloria Commons presented a brochure to the Sewer Commission at its last meeting regarding a chemical, Nitra-Nox, which is advertised on the internet as a solution to hydrogen sulfide. Ken Bradstreet was asked to look into this with regards to a temporary solution for elimination or reduction of hydrogen sulfide at the West Avenue Pump Station until the oxygen system can be installed at the Gulf Pond pump station.

Ken described the situation to Tim Aulick of the Aulick Chemical Co.. His Nitra-Nox product is similar to Bioxide. They would be willing to provide tanks, pumps and controls to meter the chemical in at the Gulf Pond Pump Station at no cost. He estimates that it would use 150 to 185 gallons of Nitra-Nox per day for an average flow of 3.0 MGD, at a price of \$2.28 per gallon. This relates to \$10,000 to \$12,000 per month. It would be metered in using either existing flow meters or strap-on ultrasonic meters. The system would automatically shut down on higher flows when it is not needed. They would not require a contract and would be flexible as to the time period the system would be used. He would be willing to come up here to make a presentation to the Sewer Commission and would be willing to pilot the system. An inquiry was also made to Siemens, the supplier of Bioxide. They would be willing to provide a system on a lease basis, and the cost would be similar to Aulick's.

A concern that AECOM has with either chemical is that you are dumping a fairly large amount of nitrate into the system, which could have a serious deleterious impact on nitrogen removal at the Housatonic plant. If something like this was considered, it would need to be monitored and tweaked to minimize any nitrate residual downstream.

Mr. Cooper, Superintendent of Wastewater, had some concerns with his nitrogen credits at the Housatonic Plant and that he would probably not be able to sell his credits if this chemical was used.

There was some discussion regarding odor control and various chemicals that could be used. The West Avenue Pump Station will probably be complete by the end of 2011.

C. East Broadway Pump Station Relocation

1. The fourth requisition for Camputaro & Son Excavating Inc. in the amount of \$28,775.50 is presented to the Board for approval. This requisition includes work through November 20, 2010.
2. Installation of 21" pipe to date is complete to station 2+00. Installation of well points and sheeting has advanced.
3. Installation of sheeting and supports for crossing of the high pressure Iroquois gas transmission main is almost complete.
4. Progress on the project has been very slow due to logs and boulders that impede driving sheeting, and difficult groundwater conditions that have made dewatering difficult. At the last project meeting the project manager for Camputaro indicated that they will be submitting a claim for changed conditions, particularly because of the debris encountered. AECOM does not agree that there are changed conditions, because the borings indicate that there is debris, wood, etc.

D. Welch's Point and Rock Street Pump Stations

1. AECOM is continuing to work on this project.

USER FEE REVISIONS

None

COMMITTEE REPORTS

None

CONSULTING ENGINEER'S REPORT

Mr. Macaluso presented the final Contractor's Pre-Qualification Document finalized by the City Attorney's Office. Mr. Macaluso respectfully requested approval by the Commission to incorporate into all future Sewer Commission Projects by the City of Milford Purchasing Agent. He would like to get this Pre-Qualification incorporated into all projects before the Grove Street Pump Station and the West Avenue Pump Station go out to bid.

Chairman Carroll asked for a motion to approve incorporating the Contractor's Pre-Qualification Document into all future Sewer Commission Projects. Commissioner Brown made a motion to approve incorporating the Contractor's Pre-Qualification Document into all future Sewer Commission Projects with Vice-Chairman Anderson seconding the motion. The motion passed unanimously.

WASTEWATER REPORT

Mr. James Cooper, Superintendent of Wastewater presented the following report to the Commission:

Mr. Cooper informed the Commission that he has chosen a new foreman for the Collection System, his name is Lou Lanzarro. Mr. Lanzarro was a mechanic for the past 6 years.

Plants

Both Wastewater Plants performed well in the Month of October, producing a good effluent.

At the Housatonic Plant normal monthly maintenance was performed. The plant has been running well. They are still working on some issues with the aeration control system, however, since the relocation of the air flow sensors the system has been running much better.

At the Beaverbrook Plant normal monthly maintenance was performed. There was work done to the actuator valve for aeration control by Spencer Blowers and the Alagash Valve Company.

The budget for the coming year was submitted and included some additions for the next fiscal year. One is a line item for maintenance replacement – a third of the lamps in the UV system at both plants. The lamps have a three year life expectancy (\$60,000) the lamps are \$300 each. Also there is a FCC mandate to change all of our radios in our vehicles and pump stations by 2013 so Jim budgeted money to change half this year and the other half next year, this includes whatever programming is needed to allow the radios to work with the new alarm system (\$130,000.). Commissioner D'Amato asked where the radios are located. Mr. Cooper responded in trucks and the pump station alarms are radio based. Mr. Cooper explained the radio system and the expense involved and the need to change their program. Mr. Cooper went on to inform the Commission about the Odor Control system and the problems they are having with the blowers and that they aren't removing the odors very well when run below full speed but the blowers vibrate too much at full speed and could

possibly vibrate apart. Mr. Cooper notified AECOM who is contacting Carlin to arrange for the repairs. These are not the grit blowers that Mr. Bradstreet spoke about at prior meetings. These blowers blow the worst odors into the Odor Control System when working properly.

Collection System – Pump Station

Scheduled maintenance was performed at the following pump station, Ford Street Pump Station and White Oaks Terrace Pump Station.

Other Duties performed by Pump Station Crews:

1. The crews cleared clogged pumps at New Haven Avenue, Welch's Point Road, and Old Gate Lane Pump Stations.
2. The sump pump at the Milford Point Road Station was removed, repaired and replaced.
3. The generator exhaust louvers were repaired at the Viscount Drive Pump Station.
4. The Wastewater Electrician began VFD installation at the Watrous Lane Pump Station.
5. A lock and hasp had to be replaced on the overflow chamber for Concorde Avenue Pump Station due to vandalism, it is next to the track at the Jonathan Law Football Field, and the gate at Mathews Street Pump Station had to be repaired from vehicle damage.

There were three (3) alarms at pump stations in October: 1 for power outages, 1 for low air, and 1 for control power.

Sewer Maintenance

Sewer Maintenance answered eight (8) complaints:

Sewer Maintenance crews performed scheduled maintenance sites twelve (12) trouble sites citywide: #6, #11, #16, #17, #26, #29, #31, #32, #38, #42, #46 and #49.

Scheduled maintenance was performed on the following equipment: Cleaned out three garage bays, and inspected 1 inch sewer hose.

There were two (2) sewer excavations in October: 89 Clark Hill Road, and 34 Nutmeg Lane.

Other duties performed by Sewer Maintenance crews:

1. Crews cleared easements at the Post Mall, Carriage Dr. and Schick by the highway.
2. Located and inspected manhole frames, covers and structures.
3. Assisted with raising manholes during milling and paving.
4. Attended an OSHA construction safety class.

A total of 18,860 ft of pipe was jet flushed, 3,400 feet was TV'ed with Wastewater's standard TV equipment, and 1,735 feet was TV'ed with the spy eye camera. The crews also hand

rodded 405 ft, used the hydraulic jet root cutter to relieve 1,210 ft, root treated 545 ft, smoke tested 695 ft and dye tested 925 ft to check for sewer connection.

CHAIRMAN'S REPORT

Chairman Carroll read a letter to the Commissioners that he received from the City Attorney's office that was sent to Los Arcos Mexican Restaurant at 1630 Boston Post Road for their violation of not installing an exterior grease trap. After some discussion regarding the new FOG regulation and the requirement for all restaurants to have installed a grease trap by July 2011, it was decided that Mr. Macaluso would work with the Health Department and their sanitarians during their routine restaurant inspections that they would check on each restaurant's status with the installation and maintenance of grease traps.

Commissioner Brown made a motion to authorize Mr. Macaluso to work with the Health Department with the restaurants that do not have grease traps and in notifying them about the upcoming changing law in July of 2011. Commissioner D'Amato seconded the motion. The motion passed unanimously.

There were five administrative approvals this month:

51 Broadway – 5 family Residence – They applied to remodel this apartment house because it was heavily damaged by fire. This property is in the 3,000 gallons per day per acre zone. They are allowed 720 gallons per day and according to the 2009 RWA records they are using 469 gallons per day which meets the criteria to be administratively approved.

24 Art Street – Pumpkin Delight Grammar School – They applied to remodel the school by removing the existing locker room and to remove 16 showers and renovate this space to be a faculty lounge with a bathroom. They are allowed 14,850 gallons per day and according to the 2009 RWA records they are using 1,440 gallons per day which meets the criteria to be administratively approved as there will be no change in staff or students.

1357 – 1359 New Haven Avenue – Queen Nail Spa – They applied to renovate an existing retail space to be a Nail Salon and spa. This property is allowed 10,515 gallons per day and with this nail salon they will be using 8,189 gallons per day which is below the allowed 10,515 gallons per day and meets the criteria to be administratively approved.

2007 Bridgeport Avenue – Olive Tree Hookah Lounge – They applied to renovate an existing retail space to be a hookah lounge with no food being prepared or served there. This parcel was given permission to be in the 7,500 gallon per day per acre zone with a prior application for a pizza restaurant. The total allowed gallonage for this parcel is 7,575 gallons per day. The prior water usage for this property is 5,041 gallons per day per 2009 RWA records. This space should use approximately 180 gallons per day for a total new usage of 5,221 gallons per day which is below the allowed 7,575 gallons per day and meets the criteria to be administratively approved.

92-D aka 86 Bridgeport Avenue – Hair Salon – They applied to renovate this retail space into a hair salon. This property is in the Devon Center Special Sewer District and is allowed

7,500 gallons per day per acre which allows this property 2,700 gallons per day. The prior water usage is 1,000 gallons per day per the 2009 RWA water usage records. The newly requested water usage for this space is 225 gpd plus the prior usage of 1,000 gpd = 1,225 gallons per day total water usage.

VOTING

A. PETITIONS

none

B. MEETING MINUTES FROM THE SEPTEMBER 2, 2010 MEETING.

Chairman Carroll asked for a motion to approve the minutes from the October 28, 2010 meeting. Vice-Chairman Anderson made a motion to approve the minutes of the October 28, 2010 meeting. Commissioner D'Amato 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 \$972,186.19 as follows. Commissioner Brown made a motion to approve this month's payment list. Vice-Chairman Anderson seconded the motion. The motion passed unanimously.

To Westcott and Mapes, Buckingham Avenue Force Main, P.O. 11-0055839-001
Account No. 0026-4154-0045-4993-0000 in the amount of \$21,792.50;

To Westcott and Mapes, East Broadway Interceptor Replacement, P.O. 11-0056033-001, Account No. 0026-4154-0036-4993-0037 in the amount of \$2,037.50;

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 \$26,487.50;

To Westcott and Mapes, Rogers Avenue Pump Station & High Street Sewer Upgrade, P.O. 10-0054821-001, Account No. 0026-4154-0046-4993-0000 in the amount of \$6,032.88;

To Westcott and Mapes, Rosemary CT/New Haven Ave Infills, P.O. 11-0056455-001, and 11-0056650-001, Account No. 0026-4154-0038-4993-0000 in the amount of \$30,680.00;

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 \$9,252.94;

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 \$2,203.63;

To AECOM Technical Services, Mayflower Pump Station, P.O. 08-0050649-001, Account No. 0026-4154-0036-4993-0032 in the amount of \$25,260.44;

To Complete Construction Co., Buckingham Avenue Force Main Project, P.O. 10-0054812-001, Account No. 0026-4154-0045-4994-0000 in the amount of \$219,918.77;

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 \$28,775.50;

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 \$514,892.40;

To Mark IV Construction, Account 0026-4154-0036-4994-0027 in the amount of \$1,825.59;

To Mark IV Construction, P.O. 08-0050441-001, Account No. 0026-4154-0044-4994-0000 in the amount of \$83,026.54.

The total of the approved Payment List for the October 7, 2010 meeting is: \$972,186.19.

Chairman Carroll asked for a motion to adjourn the meeting at 8:47p.m. Commissioner Cooke made a motion to adjourn the meeting. Commissioner Brown seconded the motion. The motion passed unanimously and the meeting adjourned at 8:47p.m.

Respectfully submitted,



Robin Lynch
Recording Secretary