

SEWER COMMISSION MEETING MINUTES JUNE 2, 2011 MEETING

A meeting of the Board of Sewer Commissioners was held on Thursday, June 2, 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 (left at 7:40 p.m.)

OTHERS PRESENT: Consultants Raymond Macaluso, of Westcott and Mapes, Inc.; Charlie Smith and 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:

Avantika Patel owner of Sure Mart Deli at 695 Bridgeport Avenue was before the Commission to ask that they waive the requirement for him to install an exterior grease trap or an AGRU. He stated that he puts the small amount of grease that he produces into the garbage not in the sink. Mr. Macaluso stated that he would speak to the Health Department regarding his menu. Commissioner Cooke asked Mr. Patel where the grease came from to which he answered bacon strips and sausage patties that he is heating up. Chairman Carroll told Mr. Patel that the Commission needed more time to gather information and to let Mr. Macaluso speak to the Health Department and to see his operation. Chairman Carroll told Mr. Patel that the Commission would make a decision by next month's meeting.

PETITIONS ACCORDING TO DATE & TIME THEY WERE SUBMITTED

None

NON CONFORMING APPLICATIONS (PETITIONS)

None

TABLED APPLICATIONS

None

WESTCOTT AND MAPES, INC.

Indian River Interceptor Replacement

Mr. Macaluso reported the Contract is out to bid. The mandatory pre-bid meeting was held today and bids will be received Thursday, June 23rd at 3:00 p.m.

East Broadway Interceptor Replacement

Mr. Macaluso reported that Coastline Construction Corp. has installed approximately 1,800 linear feet of sanitary sewer and has completed work to the intersection of East Broadway and Tremont Street. To date, approximately 61 percent of the interceptor sewer has been replaced, with 215 of 333 days used. Per the contract, work on this project was suspended last weekend and will resume in September after Labor Day.

Westcott and Mapes, Inc. presented the request by Coastline Construction Corp. for the following change order:

CHANGE ORDER NO. 6 in the amount of \$12,056.88. This change order is for compensation for additional work to connect the Silver Street sewer to the new manhole at STA 45+65.5. The reason for this change order is to connect the existing 8-inch clay sewer to the manhole which needed to be relocated to avoid water and gas utilities.

Chairman Carroll asked for a motion. Vice Chairman Anderson made a motion to approve Change order no. 6 in the amount of \$12,056.88 for the additional work to connect the Silver Street sewer to the new manhole at station 45+65.5. Commissioner D'Amato seconded the motion. The motion passed unanimously.

In addition Coastline Construction Corp. has submitted a request to be reimbursed \$6,785.77 for additional costs associated with unanticipated soft trench conditions encountered while installing the sewer between Blair and Tremont Streets. Westcott and Mapes has reviewed this request and determined that reimbursement is called for under the conditions of the Contract and respectfully requested approval. This request is Change Order No. 7 in the amount of \$6,785.77. Mr. Macaluso will bring in the formal Change Order request #7 at the next meeting.

Chairman Carroll asked for a motion. Commissioner D'Amato made a motion to approve Change Order No. 7 in the amount of \$6,785.77 for the additional costs for the unanticipated soft trench conditions between Blair and Tremont Streets. Commissioner Cooke seconded the motion. The motion passed unanimously.

Mr. Macaluso also reported Coastline Construction Corp.'s Pay Application No. 5 in the amount of \$692,386.08 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 reclaimed the existing pavement and applied the asphalt binder course on Caswell St., Bic Drive and a portion of West Avenue. To date, approximately 96 percent of the total force main has been installed, with 263 of 273 days used.

Westcott and Mapes, Inc. presented the request by C.J. Fucci Construction Inc. for the following change order:

CHANGE ORDER NO. 7 for a 30 day extension of contract time. The reason for this change order is the severe weather this past winter and the delay in obtaining the ADP revised easement. Mr. Macaluso respectfully requested approval with no increase in contract price.

Chairman Carroll asked for a motion. Vice Chairman Anderson made a motion to approve Change Order No. 7 for a 30 day extension of contract time with no increase in contract price. Commissioner Cooke seconded the motion. The motion passed unanimously.

Mr. Macaluso reported C.J. Fucci Construction Inc.'s Pay Application No. 9 in the amount of \$53,998.00 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. is addressing the punch list items.

Westcott and Mapes, Inc. presented the request by Complete Construction Co. for the following change order:

CHANGE ORDER NO. 14 in the amount of \$ 448.80 for compensation for the time associated with the reinstallation of copper grounding rod and cable. The reason for this change order is the Contractor will be performing a test pit to find an existing copper grounding rod, or cable, at the pump station. The unmarked cable was accidentally clipped during the course of project construction. The city will be providing an electrician to splice, or replace, the cable or rod. The Contractor will be required to wait while the electrician finishes his work.

Westcott and Mapes, Inc. has reviewed the request and determined that reimbursement is warranted under the conditions of the Contract and respectfully requested approval.

Chairman Carroll asked for a motion. Commissioner Cooke made a motion to approve Change Order No. 14 for \$448.80 for compensation for the time associated with the

reinstallation of copper grounding rod and cable. Commissioner D'Amato seconded the motion. The motion passed unanimously.

Rogers Avenue Pump Station

Mr. Macaluso reported design continues, and a site walk is scheduled for Tuesday, June 7th with Inland Wetlands and DEP to show the proposed construction within their jurisdiction.

Grove Street Pump Station

Mr. Macaluso reported that a site walk is scheduled for Tuesday, June 7th with Inland Wetlands and DEP to show the proposed construction within their jurisdiction.

Infill Project No. 1

Mr. Macaluso reported the survey phase continues. Boring contractors are being requested to submit fee proposals for their services.

AECOM TECHNICAL SERVICES, INC.

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

A. Housatonic & Beaver Brook Wastewater Treatment Plants

1. Remaining issues include:

- Trojan UV – Jim Cooper is working with Trojan
- Hauser (Grit hoist at Beaver Brook) – Has been working on hoist controls. Commissioner Cooke asked Mr. Bradstreet how long this had been going on. Mr. Cooper responded about 2 years and it still is not complete and doesn't work.

B. West Avenue and Gulf Pond Pump Stations

1. A preconstruction meeting was held on Wednesday, May 11, 2011 and the first project meeting was held on May 25, 2011.
2. C H Nickerson and Co.'s official start date is June 1, 2011.
3. AECOM has been reviewing equipment shop drawing submittals.
4. Work at the sites is anticipated to start in early July.

C. East Broadway Pump Station Relocation

1. The tenth payment requisition for Camputaro & Son Excavating Inc. in the amount of \$250,062.96 was presented to the Board for approval. This requisition includes work through May 20, 2011.
2. 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 May 20th is 1,547 feet of 21" PVC sewer.
3. Camputaro & Son Excavating has made a claim based on changed conditions caused by large stumps in the excavation. As a result they are requesting an increase in the Contract Time and Contract Amount. AECOM has done an extensive evaluation of the claim and has held three meetings with a representative of the firm which lead to an equitable solution, which we will now present to the Sewer Commission for consideration. Mr. Bradstreet passed out pictures of the trees and stumps that they found during excavation in the old land fill as he explained that the excavation is down 22' deep into an old land fill. Mr. Bradstreet compared the area with stumps to the area without stumps to arrive at a price for compensation. He requested that the Commission approve an extension of time of 3 months and a compensation amount of \$272,952. This will be known as change order no. 3.

Chairman Carroll asked for a motion. Commissioner D'Amato made a motion to approve \$272,952 payment and 3 month extension of time as compensation for the unforeseen conditions in the old land fill area. Commissioner Cooke seconded the motion. The motion passed unanimously.

4. The delays in completion of the project resulting from the changed conditions and the time involved with review of the claim, review of additional shop drawings and procedures and additional meetings will result in an increase in the Engineering effort required. As a result we are respectfully requesting consideration of the Sewer Commission for an increase of \$195,000. in the upset limit for the Engineering fees that will cover both Westcott and Mape's and AECOM's roles on the project.

Chairman Carroll asked for a motion. Vice Chairman Anderson made a motion to increase the Engineering Fees by \$195,000 that will cover both Westcott and Mape's and AECOM's roles on the project. Commissioner Cooke seconded the motion. The motion passed unanimously.

Commissioner Cooke asked if the money would come out of the contingency account to which Chairman Carroll responded "yes".

D. Welchs Point and Rock Street Pump Stations

1. AECOM is continuing to work on this project. Completion of plans and specifications is scheduled for June 15, 2011, with submittal of the plans and specifications for review of the City Attorney and DEP on July 1, 2011.

USER FEE REVISIONS

None

COMMITTEE REPORTS

None

CONSULTING ENGINEER'S REPORT

None.

Mr. Macaluso introduced the owner of Sure Mart to the Commission and informed them that he was there to speak under Citizen's Comments but he had come in late. (He arrived at 7:45 p.m. after Chairman Carroll called for that item on the Agenda). Mr. Macaluso asked the Chairman to allow Mr. Patel to address the Commission at this time regarding his Deli's requirement for a grease trap. (see Citizen's Comments for Mr. Patel's remarks.)

WASTEWATER REPORT

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

Plants

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

At the Housatonic Plant normal monthly maintenance was performed. The ultraviolet disinfection system is still not running properly. We need to replace some of the lamp ballasts which are on order and then have Trojan's service department look at it again. The ballasts are not a warranty item. There have been problems with the level sensing since day one. The lamps are only good for 25,000 hours and it costs \$35,000 for one third of the lamps to be replaced. The cleaning system on the lamps needs to be replaced every month. The stepper screen was running erratically until we removed a relay, it started running better then the grinder shafts broke. New grinder shafts are on order. Nitrogen numbers are off due to high flows. Chairman Carroll stated that a lot of money has been spent and he feels that we are not on top of the maintenance. He asked Mr. Cooper to bring

a maintenance schedule to the next meeting. Mr. Cooper explained the process of the grinder system which is also a problem. Mr. Cooper feels that it is not a maintenance issue but an issue with the steel teeth in the grinders when they get caught on hard objects in the system. This is a conflict between DEP regulations and the product that the manufacturer makes. Mr. Bradstreet stated that Wallingford had the same problems with the grinders. Mr. Cooper went on to explain that the lamps are very costly so he tries to replace one third of them at a time. There are 240 lamps. The valves are also costly and there are 36 of them so he replaced 6 at a time. Chairman Carroll asked Mr. Cooper to please stay on top of these repairs on a schedule so that we don't have problems and large expenses. Mr. Cooper also stated that he is having problems at the East Broadway pump station. The pump is pumping dirt. The wet well has a lot of dirt and fly ash in it. He asked that the contractor be told to keep foreign material out of the sewer system. Commissioner Cooke inquired about the dirt and fly ash to which Mr. Cooper stated they are getting a lot of grey silver material in the wet well and pump and that is fly ash. There was some discussion regarding the entire area having a lot of fly ash in it and the infiltration from the side streets that is entering the sewer system. Mr. Macaluso stated that in the future the Sewer Commission would have to make a decision on the infiltration from the side streets. Mr. Cooper suggested that Wastewater TV the lines to determine if the repairs are small and can be made by Wastewater to stop the infiltration.

At the Beaverbrook Plant normal monthly maintenance was performed. The air flow valve to one of the tanks is not operating properly. A technician from the company is scheduled to come and repair the valve.

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump stations: Holly Street, New Haven Avenue and Old Field Lane.

Other Duties performed by Pump Station Crews:

1. The generator radiator was repaired and a new thermostat installed at Kinloch Street Pump Station.
2. The generator voltage regulator was replaced at the Anderson Avenue Pump Station.
3. Two discharge valves and two check valves were replaced at the Live Oaks Pump Station as well as the #2 pump controller.
4. The influent main gate was cleaned and exercised at the Gulf Pond Pump Station.

There were seven (7) alarms at pump stations in April: one (1) for power outage, four (4) for high water, and two (2) for control power.

Sewer Maintenance

Sewer Maintenance answered eight (8) complaints.

Sewer Maintenance crews performed scheduled maintenance on eleven (11) trouble sites citywide: #10, #11, #12, #13, #22, #29, #42, #43, #45, #48, and #49.

Scheduled Maintenance was performed on the following equipment: The electric jackhammer, and the 25 KW Winco portable generator.

There was one (1) sewer excavation in April: 49 Tippy Road

Other duties performed by Sewer Maintenance crews:

1. Assist pump station crews with wet well pump outs.
2. Inspect easement behind Adams Supermarket.
3. TV a section of East Broadway for acceptance.
4. Washed down the West Ave wet well.

A total of 28,455 ft. were jet flushed, 1,250 ft were TV'ed with our standard TV equipment, and 790 ft. were TV'ed with the spy eye camera. The crew also hand rodded 525 ft, used the hydraulic jet root cutter to relieve 1,465 ft, root treated 285 ft., smoke tested 810 ft. and dye tested 330 ft. to check for sewer connection.

VOTING

A. MEETING MINUTES FROM THE MAY 5, 2011 MEETING.

Chairman Carroll asked for a motion to approve the minutes from the May 5, 2011 meeting. Vice Chairman Anderson made a motion to approve the minutes of the May 5, 2011 meeting. Commissioner D'Amato seconded the motion. The motion passed unanimously.

B. PAYMENTS

Chairman Carroll asked for a motion to approve the following payment list for this month in the amount of \$1,123,242.18 as follows. Commissioner D'Amato made a motion to approve this month's payment list. Vice Chairman Anderson 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 \$17,020.00;

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 \$1,320.00;

To Westcott and Mapes, East Broadway Interceptor Replacement, P.O. 11-0056033-001, Account No. 0026-4154-0036-4993-0037 in the amount of \$20,837.50;

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 \$22,417.50;

To Westcott and Mapes, Indian River Interceptor, P.O. 08-0050659-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$2,070.00;

To Westcott and Mapes, Indian River Interceptor, P.O. 11-0057846-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$21,055.00;

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 \$14,238.50;

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 \$9,541.28;

To AECOM Technical Services, Mayflower Pump Station, P.O. 08-0050649-001, Account No. 0026-4154-0036-4993-0032 in the amount of \$15,095.36;

To Coastline Construction Corp, East Broadway Interceptor Replacement, P.O. 11-0056384-001, Account No. 0026-4154-0036-4994-0027 in the amount of \$692,386.08;

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 \$250,062.96;

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 \$53,998.00;

The total of the approved Payment List for the June meeting is: \$1,123,242.18.

C. SEWER USER FEE FOR FY 2011 – 2012 PER UNIT

Chairman Carroll asked for a motion. Vice Chairman Anderson made a motion to approve the new sewer user fee for FY 2011 – 2012 be set at \$287.76 per modified equivalent unit. Commissioner D'Amato seconded the motion. The motion passed unanimously.

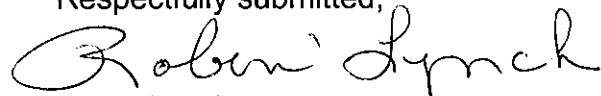
CHAIRMAN'S REPORT

There were two administrative approvals this month:

1. Alpha Street – This project is the construction of one house and the legalization of 15 former Coast Guard houses. This project was administratively approved for water allotment only. They need to address the location of the sewer main and the lack of inspection facilities on the laterals. This property is allowed 5,036 gallons per day and is currently using 4,800 gallons per day.
2. 1201 Boston Post Road – Proposed LA Fitness Health Club in the lower level of the mall to occupy the space that was Krazy City Restaurant. LA Fitness has requested they be allowed 8,000 gpd. The mall is allowed 112,290 gallons per day. The total new proposed gallonage for this property including the prior water usage is 59,228.65 gallons per day.

Chairman Carroll asked for a motion to adjourn the meeting at 8:12 p.m. Commissioner Cooke made a motion to adjourn the meeting at 8:12 p.m. Commissioner D'Amato seconded the motion. The meeting adjourned at 8:12 p.m.

Respectfully submitted,



Robin Lynch
Recording Secretary
Sewer Commission