

WATER POLLUTION CONTROL AUTHORITY
Town of Trumbull
CONNECTICUT

TOWN HALL
(203) 452-5048



5866 MAIN STREET
TRUMBULL, CT 06611

MINUTES
Water Pollution Control Authority Meeting
Wednesday, December 14, 2011

Members Present:

Jeanine Maietta Lynch, Chairman
Paul Kallmeyer, Vice Chairman
Ennio DeVita
Laura Pulie
Karen Egri, Alternate (voting)

Members Absent:

Timothy Hampford

Also Present:

Stephen M. Savarese, PE/LS, Town Engineer
Joseph Solemene, Assistant WPCA Administrator
John Marsilio, Public Works Director (left 10:00)
Dennis Kokenos, Esq., Town Attorney
Fred Mascia, Tighe & Bond, Project Manager
Christine E. Kurtz, Wright-Pierce

The Chairman called to order the regularly scheduled meeting of the Trumbull WPCA for December 14, 2011 in the Long Hill Room at 7:35 p.m.

MOTION made (Lynch) 2nd (Kallmeyer) to move up Agenda item number 6 Old Business, Matthew Mihaly, 116 Jerusalem Hill. No discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

6. Old Business:

Matthew Mihaly, 116 Jerusalem Hill Road. Attorney Steve Reilly, from Oxford was present representing Matthew Mihaly and Hem Khona, P.E. and Attorney Serge Mihaly were also present. Attorney Reilly passed out and submitted for the record plans and 2 proposals. He stated since the last time they came before the Commission they reviewed maps, designs, documents, bid pricing, Nichols Avenue manhole depths and spoke with Joe Solemene. They created a design and proposal that they feel will not be a significant increase. He highlighted proposal 2 and explained because of the depth of the manhole and based on engineering standards there could be a gravity sewer from Nichols Avenue all the way to the end of the street. He also said the standard of slope that is acceptable in the engineering field is the .4 slope for an 8 inch pipe and that slope can be maintained all the way down Jerusalem Hill to Mr. Mihaly's and the other three properties. Attorney Reilly said Mr. Khona contacted Mr. Bjorklund to discuss use of the .4 slope in Trumbull. Attorney Reilly said he was not able to find any written technical standard for Trumbull, but he found the Greater New Haven District and other States use the same .4 standard. He also went over cost comparisons and projected costs for Proposals 1 and 2 and he explained how they came up with the projected costs for the proposals.

Mr. Khona briefly summarized his plan and the changes they are proposing. Commissioner Kallmeyer pointed out that in the past these systems were designed so the existing septic remains. The pump actually goes into the septic tank or a new tank if necessary and the septic remains as the backup. In the event of a pump failure the system overflows out into the septic so there is no need for a backup generator. There are different elevations listed on the plans and the Commission wants the elevations checked. Attorney Reilly again addressed the issue of the .4 slope and said it could work. In response to questions about extra charges for the change in the depth

of the manhole Fred Mascia said it would be covered in the unit price. He also pointed out if rock is encountered that is not included in their formula. Mr. Khona summarized his conversation with David Bjorklund regarding the .4 slope. Mr. Khona said flow is very small from these houses and is not a problem. The Commission has concerns with a flatter slope because it is a dead end road and it's not in a main line where there is a lot of flow contributing from many houses. Also, this is the end of the street and if there is just a trickle you would need that slope to get the velocity to push the solids through.

Fred Mascia agreed that minimum grade for an 8 inch pipe for sanitary sewage is .4 percent, but to have flow in a sewer 2 feet per second cleansing velocity is needed and that is a factor they missed. He said this slope was set at .7 because at the end of the run there are 4 houses that were going to be on pumps and with those pump systems they would get the cleansing velocity. On the gravity system the 4 houses may not generate enough flow to clean the sewer out. Discussion took place regarding the sewer elevation, finished floor elevations and location of the soil pipe coming out to the line. How they can still make gravity when there is only 2 feet to work with was questioned. Further discussion included elevations, grade differences, flows, cleansing velocity, pumps and out flow from the house.

The Chairman stated this matter will be discussed by the Commissioners and Attorney Reilly stated if work starts in this area he would have to take action. Fred Mascia said right now Jerusalem Hill is not scheduled. The Chairman said there are no guarantees, but as of now right now it is not scheduled.

MOTION made (Lynch) 2nd (Pulie) to move up Agenda item number 7 New Business, Laurie Coscia Quatrella, 50 Red Fox Lane. No discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

7. New Business:

Laurie Coscia Quatrella, 50 Red Fox Lane. Attorney David Quatrella of 50 Red Fox Lane was present representing his wife, Laurie Coscia Quatrella and is also authorized to speak for the owners of 56 Red Fox Lane. He explained there is a problem concerning the pond that is shared by both properties. The pond is stream fed, about a half acre in size and the deepest point is about 14 feet and is a water detention pond for the neighborhood. He said The Town has two drainage easements for two catch basins in the road that empty into the pond and there were no prior problems with the catch basins from the road water and storm sewers. During the four to six weeks the sewer road work was being done the road dirt from the rains went into the catch basins. He stated he complained to the site inspector and the issue was addressed and black fabric and hay bales were put in, but that didn't work. He also explained they are the lowest point in the road and during a water main break the road flooded and more dirt went into the pond. He provided the Commission with pictures of the pond, dirt flowing into the pond, dirt and silt residue in and around the pond, a sand bar as a result of the silt and dirt, dirt build up at the catch basins, pipe half clogged with dirt, and other areas. He passed out copies of his property survey and pointed out the drainage easement and a catch basin that empties into the pond at the northeasterly end of the pond. He said the dirt was coming in from both the northeasterly and the northwesterly culverts and every time it rained the dirt that was in the road ran into the storm sewers and into the pond. He stated the contractor tried to stop it from happening, but it didn't work.

He presented additional photos of the pond, properties, dirt buildup in pipe opening, dirt and silt buildup in front of the culvert and the sandbar. He also said areas on the sandbar are starting to grow grass and there was never a sandbar by the outlets. The Commission expressed the need to determine if the buildup is from the water main break and did it happen before and after the break or while work was going on. Discussion included silt control, the annual accumulation of sand and dirt, not being unable to control silt completely, taking samples to see if sand and rocks are in it. Attorney Quatrella referred to the Sewer Easement Agreement regarding sediment control hoods and inquired if the contractor is aware of the terms of the Agreement and he wants the Town to dredge the pond. He also summarized the neighborhood's use of the pond, pond rights and the

neighborhood's concern and worries. He stated the next phase of work is very close to the pond and he noted they should be very careful. He is concerned about the damage already done and what will happen when the cross country easement work starts because it will be within ten feet of the pond. He wanted to know when the work would start and Fred Mascia indicated the permits are in place and will start after the first of the year. Attorney Quatrella stated they have owned the property since 2003 and the pond has not been dredged since they owned the house. The Commission suggested checking with wetlands to see if there were previous permits. The Commission decided to discuss this matter further next month and requested Steve Savarese check the GIS aerials of the property.

The Chairman said the Commission will take Wright-Pierce report next and then go into executive session and include Christine Kurtz from Wright-Pierce and then release her from the execution session for anything else.

MOTION made (Lynch) 2nd (Kallmeyer) to move up Agenda item number 5 Wright-Pierce up-date. No discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

5. Wright-Pierce update.

Christine Kurtz went over her project status update report. She said most of the SSEC work in the field was the CCTV work. As to Phase II work she stated attempts to enter buildings are completed, they have information for 49% of the properties in the study area and they continue to receive forms from owners. CCTV work is continuing and manholes that previously were not accessible are now being raised and the Reservoir pump station area can be cleaned and televised. Field work should finish next week and will be tabulated and analyzed. The Feasibility Study has been submitted to CT DEEP. As to Phase I of the SSEC pump station evaluations she said they are starting to identify some of the work they know they will recommend. She went over the Beardsley and Reservoir pump stations' flow data and how much waste water we need to plan to be pumping for in the next 20 years at stations. The average day at Beardsley is 2,000,000 gallons a day and that will keep to a high flow rate of close to 12,000,000 gallons per day. She discussed additional future flow projections and said right now Beardsley is only designed to handle 5,000,000 per day and that is why they recommend new pumps, generator, flow control and ventilation systems. At the Reservoir pump station the flow impact isn't as much of an issue. With a maximum rate of 5,000,000 per day the pumps there are holding their own, but the whole station needs to be replaced completely. Joe Solemene informed the Commission that the funds from the DEEP have been authorized and approved and a P.O. and the money are in place and Ms. Kurtz explained you get reimbursed as you submit.

MOTION made (Lynch) 2nd (Kallmeyer) to move up Agenda item number 6 Old Business, Wright-Pierce: Expansion of scope of services. No discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

6. Old Business:

Wright Pierce: Expansion of scope of services.

Commissioner Kallmeyer said this has been discussed on several occasions regarding the hiring Mike Diggey from Wright-Pierce as an expansion of their services. He also commented that some minor modifications may be needed to the agreement based on funds that are available. Work will be on an hourly basis and can be regulated and stopped whenever the Commission wants to. He sees no problems and recommends the Commission expand the scope of services.

MOTION made (Kallmeyer) 2nd (Pulie) to expand the scope of services to include Wright Pierce for our regionalization/contract renewal negotiations. Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

MOTION made (Lynch) 2nd (Kallmeyer) to move up Agenda item number 8 Executive Session. No Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

MOTION made (Lynch) 2nd (Pulie) to close the regularly scheduled meeting of the WPCA for December 14, 2011 at 8:40 p.m. and move into executive session to discuss with the Town Attorney strategy and negotiations with respect to pending litigation as defined by 1-200(6) and/or to discuss attorney client-privileged information as set forth by 1-210 relating to the following:

- Contract 3 law suit - Town of Trumbull v. Mark IV Construction
- SSEC
- City of Bridgeport – Agreement between Water Pollution Control Authority of the City of Bridgeport and Town of Trumbull
- Esteves v Town of Trumbull
- Baker v Town of Trumbull

Remaining in the executive session meeting will be all the Commission members, Attorney Dennis Kokenos, Joe Solemene, John Marsilio, Fred Mascia, Christine Kurtz (who will be staying with respect to the City of Bridgeport Agreement between the Water Pollution Control Authority of the City of Bridgeport and the Town of Trumbull) and Steve Savarese. No Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

MOTION made (Lynch) 2nd (Egri) to come out of the executive session at 10:05 p.m. and to confirm that no vote was taken and to reopen the regularly scheduled WPCA meeting. No discussion. FOUR IN FAVOR (Lynch, DeVita, Pulie, Egri) ONE ABSTENTION (Kallmeyer). MOTION CARRIED.

1. Minutes to previous meeting.

November 16, 2011.

MOTION made (Pulie) 2nd (Egri) to approve the meeting Minutes of November 16, 2011 as written. No Discussion. THREE IN FAVOR (DeVita, Pulie, Egri) TWO ABSTENTIONS (Lynch, Kallmeyer). MOTION CARRIED.

After the above vote was taken Commissioner Kallmeyer commented on the following:

Page 4 – second to last paragraph second to last sentence;

Page 6 – first paragraph second to last line “five times the normal” – he said by the math it should be three times not five times;

Page 6 – third paragraph fourth line – “1241” is an estimated figure.

November 29, 2011.

The Commission made no comments or corrections.

MOTION made (Kallmeyer) 2nd (Lynch) to approve the special meeting Minutes of November 29, 2011 as written. No Discussion. FOUR IN FAVOR (Lynch, Kallmeyer, Pulie, Egri) ONE ABSTENTION (DeVita). MOTION CARRIED.

2. Tighe & Bond.

Progress report. Fred Mascia said since the last meeting very little work has been done. The contractor installed sewer on Kingsbury Road and drainage and laterals on a portion of Booth Hill Road. To date 92% of the total pipe quantity has been installed. Commissioner Egri pointed out the according to the application for payment the TV testing of pipe line is at 78%. Fred explained some TV work was done since the application for payment came in and they actually did some work last week. He also pointed out there are certain portions of the pipe line that don't connect any place and they have not flushed or TV'd those sections of pipe.

Change Orders. Fred Mascia from Tighe & Bond summarized each of the following change orders.

Change Order R100 dated 12/06/2011 in the amount of \$5,800.00 for two storm manholes in Booth Hill Road. This charge is for providing two storm manholes in the upper section of Booth Hill Road that had to be replaced

prior to the drainage work being done. There is no pay item in the contract for storm manholes. Fred Mascia said the Commission previously paid for storm manholes in similar change order requests and he recommended payment.

MOTION made (Kallmeyer) 2nd (Lynch) to approve change order R100 in the amount of \$5,800.00 for two storm manholes in Booth Hill Road. Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

Change Order R101 dated 11/22/2011 in the amount of \$1,092.50 for temporary line striping for Huntington Turnpike (Carriage Drive to MacDonald Road). The Commission previously approved from Carriage Drive south and this change order is for striping from Carriage Drive north to complete the center line striping on the road.

MOTION made (Pulie) 2nd (Lynch) to approve change order R101 in the amount of \$1,092.50 for temporary line painting for Huntington Turnpike (Carriage Drive to MacDonald Road). Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

Change Order R102 dated 12/06/2011 in the amount of \$2,025.00 to furnish and install 5 furnco couplings. This change order is for 5 furnco coupling on storm drain pipe in Kingsbury Drive. When the contractor was putting the sewer in on Kingsbury he was also doing the storm drainage in at the same time. To minimize the amount of existing pipe that had to be removed he was directed to just replace portions and he used furnco couplings to make the connections. Fred said they did direct them to do the work but did not agree to the price and the past the Commission has not paid the price. The Commission agreed to table R102 and Fred will go back and ask for a different price.

MOTION made (DeVita) 2nd (Pulie) to table change order R102 in the amount of \$2,025.00 to furnish and install 5 furnco couplings on storm drain pipe in Kingsbury Drive. Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

ACOE permit for wetland restoration. Fred Mascia said written approval from the Army Corps of Engineers has been received. DEEP signed off on December 7, 2011 and the Army Corps signed off on December 8, 2011. Steve Savarese informed the Commission that he has the executed document.

Booth Hill Road shim course. Fred Mascia explained because of settlement and going through another winter the contractor was instructed to provide a shim course to fill in the settled areas to avoid problems and difficulties for snow plows. The contractor did the work on December 14, 2011. Discussion took place as to whether or not it is part of the regular maintenance of the trench or an extra charge. Fred said 3,000 feet was done and there is one portion of Booth Hill Road from the school to MacDonald Road that was released for connection so the contractor is going to claim that 600 feet of the trench has been released and the Town accepted it so he's going to submit for that portion. If he gets a charge from the contractor he will bring it to January's meeting.

3. Invoice Approval.

Mark IV Construction Co., Inc., Phase IV, Part B – Contract 4 – North Nichols Project, Application #28 dated December 5, 2011 in the amount of \$378,671.68.

MOTION made (Lynch) 2nd (Kallmeyer) to table Mark IV Application #28 in the amount of \$378,671.68 for the Commission's special meeting in January and to make a vote on it then. No Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

4. Billing statement – Tighe & Bond and Wright-Pierce.

Review Tighe & Bond/Wright Pierce spreadsheets. The Commissioners reviewed the spreadsheets.

6. Old Business:

Up-date: SSEC. The Commission agreed to table this item to the next WPCA meeting.

MOTION made (Lynch) 2nd (Pulie) to table Agenda item 6 Old Business update SSEC for the next meeting. No Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

Up-date: Audit of the 59 and 20 accounts. Commissioner Kallmeyer commented on e-mails and previous time frames given by the auditors. If information is not received from the auditors by next meeting the Commission will need to make a decision.

Discussion: Update separate irrigation water meter and pricing. Joe Solemene stated he received a reply from Jeff Farrell from Aquarion Water Company regarding a meeting with members of the Commission. Available dates for a meeting were discussed. Commissioner Kallmeyer expressed his desire to attend the meeting and Commissioner DeVita agreed to let him go in his place. Joe will set up the meeting with Aquarion and Commissioners Pulie and Kallmeyer in January. This issue will be discussed further at a WPCA special meeting that will be scheduled in early January, 2012.

6. Old Business:

Wildfire Lane: Sewer extension. Attorney Kokenos researched whether or not a public hearing is required to remove addresses from a sewer project and he advised the Commission there is no requirement. He said according to Connecticut Statutes 7-247(a) no municipal water pollution control authority shall acquire or construct all or any part of the sewer system until after a public hearing. Therefore, a public hearing is not required for removal from a project. Joe Solemene stated he sent a letter to the Wildfire Lane residents and no one called or responded. The Commission agreed to remove 9, 12, and 15 Wildfire Lane from Project 3. MOTION made (Kallmeyer) 2nd (Pulie) to remove the properties at 9 Wildfire Lane, 12 Wildfire Lane and 15 Wildfire Lane from all aspects of inclusion to Contract 3. Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

New Business:

Tighe & Bond invoice #102011666 in the amount of \$4,460.65 and invoice #112011541 in the amount of \$1,275.00 for Contract 3 sewer evaluation and litigation support. Discussion included making sure all Contract 3 related costs and expenses are tracked and separate from the current project. Suggestions for future payments for Contract 3 and reimbursements were also discussed. The Commission noted services and professional fees were taken into consideration and budgeted for in the current budget.

MOTION made (Lynch) 2nd (Kallmeyer) to approve payment for invoice number 102011666 in the amount of \$4,460.65 and invoice number 112011541 in the amount of \$1,275.00 for Contract 3 sewer evaluation and litigation support to Tighe & Bond. Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

Eliminating mandrel testing on previously released lines.

Joe Solemene said the Town never did mandrel testing on previous sewer projects and before Tighe and Bond came on for the contract we released about 80 houses. The video inspection was done, the air pressure testing was done but the mandrel portion of the inspection was not done. Because the lines are live to do the mandrel testing now they would have to bypass pump around them and it would be costly. Joe discussed this with Tighe & Bond and the public works director and now he is requesting the elimination of mandrel testing for these houses. After discussion the Commission agreed to eliminate the testing.

MOTION made (Pulie) 2nd (Lynch) to eliminate the mandrel testing for the previously released lines for the 80 homes on:

- Gingerbrook Drive, Briar Hill Drive, Twin Circle Drive, Wheeler Drive, Longview Road, Saint John's Drive, Erwin Street – all addresses;
- Woodcrest Avenue – excluding houses 50 and 53;

- Shelton Road – houses 154 to 273;
- Columbine Drive – houses 7 to 110;
- Booth Hill Road – houses 51 to 102.

Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

2012 WPCA meeting dates. The Commission reviewed and approved the meeting dates.

MOTION made (Kallmeyer) 2nd (Pulie) to approve the scheduled 2012 meeting dates as submitted. Discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

Old Business:

Booth Hill Road: Striping of the roadway. Joe Solemene said the striping on Booth Hill Road was a request by the Highway Department. The Commission agreed it is a good idea should be done. Steve Savarese said he already signed off on the change order. Fred said he will authorize them to do it and will bring the official change order to the January meeting. The Commission agreed to table this to the next regularly scheduled meeting.

New Business:

Election of Officers. Commissioner Kallmeyer nominated Jeanine Maietta Lynch as Chairman. There being no other nominations, a vote was taken.

MOTION made (Kallmeyer) 2nd (Pulie) to have Jeanine Maietta Lynch remain as Chairman. No discussion. FOUR IN FAVOR (Kallmeyer, DeVita, Pulie, Egri) ONE ABSTENTION (Lynch). MOTION CARRIED.

Commissioner Lynch nominated Paul Kallmeyer as Vice Chairman. There being no other nominations, a vote was taken.

MOTION made (Lynch) 2nd (Pulie) to have Paul Kallmeyer remain as Vice Chairman. No discussion. FOUR IN FAVOR (Lynch, DeVita, Pulie, Egri) ONE ABSTENTION (Kallmeyer). MOTION CARRIED.

Commissioner Kallmeyer nominated Laura Pulie as Secretary. There being no other nominations, a vote was taken.

MOTION made (Kallmeyer) 2nd (Lynch) to have Laura Pulie remain as Secretary. No discussion. FOUR IN FAVOR (Kallmeyer, DeVita, Lynch, Egri) ONE ABSTENTION (Pulie). MOTION CARRIED.

Projected 2012-2013 budget. The Commission agreed to include the 2012-2013 budget on the Agenda for the special meeting in January, 2012. The Agenda was briefly discussed. January 5, 2012 was suggested for the special meeting.

9. Any other business that may come before the Authority.

Attorney Kokenos reported to the Commission his finding regarding sump pumps connected to the sewer system. He said the WPCA does not have the right to go into someone's home to inspect the sump pumps. He also investigated other ways the WPCA could regulate sump pumps. He said under Connecticut Statutes 7-247(a) the WPCA has the authority to regulate rules and regulations prohibiting or regulating the discharge from the sewer system including sewage or any storm water runoff. He also said he sees a problem with inspections at the time of real estate closings. The authority to create a regulation can come from the Commission but the logistics of it have to be worked out. If the WPCA sets and an ordinance for violations and fines maybe it could be added to the building department's inspections. This issue needs further discussion and research and will be addressed at another time.

MOTION made (Lynch) 2nd (Egri) to adjourn the regularly scheduled meeting for December 14, 2011 at 10:50 p.m. No discussion. ALL IN FAVOR. MOTION CARRIED UNANIMOUSLY.

Submitted by,

Joyce Augustinsky
Clerk of the Commission