

The Regular Meeting of the Water Pollution Control Authority was called to order by Chairman Michael DeAngelis at 7:00 p.m. on Wednesday, August 08, 2007 in Room 305 of Shelton City Hall, 54 Hill Street, Shelton, CT 06484.

The following Commissioners were in attendance to constitute a *quorum*:

Michael DeAngelis  
Edwin Hellauer  
Steve Morse  
Bronislaw Piotrowski  
Regis Dognin  
Todd Dowty

Absent were: Open (Matthew Gallo )  
Anthony Presutto

Also attending were: Thomas Sym, Sewer Administrator  
Ed Comboni - Treatment Plant

## **1. PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance was recited.

## **2. PUBLIC PARTICIPATION**

There was none.

## **3A. APPROVAL OF MINUTES OF THE PUBLIC HEARING OF JUNE 13, 2007**

**Motion:** A motion was made by Commissioner Dognin and seconded by Commissioner Morse to approve the Minutes of the Public Hearing of June 13, 2007 as submitted. All were in favor with the exception of Commissioner Hellauer who abstained. Motion carried.

Commissioner Morse suggested asking the Web Master to put the current Benefit Connection Charges up on the Web.

Commissioner Dognin said he would see to it that this is done.

## **3B. APPROVAL OF MINUTES OF THE REGULAR MEETING OF JUNE 13, 2007**

**Motion:** A motion was made by Commissioner Hellauer and seconded by Commissioner Piotrowski to approve the Minutes of the Regular Meeting of June 13, 2007 as submitted. All were in favor. Motion carried.

## **4. COMMUNICATIONS**

### **A. Dog Pound Location**

The letter from Attorney John Welch regarding this subject was for informational purposes only.

### **B. Budget Worksheet**

Not available at this time.

## **5. OLD BUSINESS**

### **A. Benefit Connection Charges**

Joe Pereira from Pereira Engineering was here this evening to represent Birmingham Development and John Guedes and Phil Nizzardo were here this evening as well.

Mr. Pereira said the issue is the Connection Charges and compared what we had before we started this project is an industrial use and what they have converted the building into now which is a residential use. On the hand-out I just gave you, I have compared the two uses. If that building were to be occupied as an industrial use with the existing connection that was there, the building is 180,000 sq feet and we can get one occupant per 100 square feet which equals 1800 occupants (employees). That is what the building would be rated for and that is what you would have allocated in your existing system for the existing use. When you factor in with or without showers, you are basically looking at a flow range of 45,000 gpd to 63,000 gpd.

The next thing we did was look at the residential use we are looking to convert the building into, is 204 bedrooms. There are 103 units which range from 1-3 bedrooms with the majority being 1 and 2 bedrooms. We are looking to get CO's in the next week or so. The flow rate is 150 gpd, which gives you a net of 30,600 gpd. This is a net reduction of 33% as compared to the industrial use, which would free you up for other areas in the downtown area.

We have disconnected the roof drains from the sanitary sewers. I know I&I is a big issue and this was a good source to alleviate some of that. Just running some numbers for the I&I for a 100 yr. storm this is one event - much like the rain event we had a few months back. That building will generate about 120,000 gallons per day. That is one major storm in a 24-hour period. When you equate this to the overall flows, you are looking a 10% impact in addition to what was there. We are asking you to reconsider the connection charges and fees and to work with us.

Commissioner DeAngelis asked Mr. Sym what the I&I test resulted before the Mr. Guedes bought the building?

Mr. Sym said the smoke test did not get results as the sewer was connected to interior piping.

Commissioner DeAngelis said didn't you know how much I&I?

Mr. Sym said "no, only a visual inspection would show it. No one figured out the flow there and there was no in-depth study done on any building on Canal Street."

Commissioner DeAngelis asked if we should assume Mr. Pereira's numbers are correct?

Mr. Sym said "yes".

Commissioner Hellauer asked how they figured out the previous flows when that building was only semi occupied for many years. It was a corset shop and probably not much flow; 33% reduction of what?

Mr. Pereira said that is a good question.

Mr. Sym said that Mr. Pereira is going by the potential. I doubt there were over 1800 employees.

Mr. Pereira said I can only try to come up with a number.

Commissioner DeAngelis asked what do we have allocated to that building?

Commissioner DeAngelis said this is our first after our new benefit connection charge calculations.

Mr. John Guedes said we hoped we would get some relief as there was some previous sort of usage and we took the interior drains and connected them outside to storm drains. So we did pull that flow out of the system and this benefited the City and the Treatment Plant. We are asking for some relief on this fee structure. This is the first phase of this project and as we move forward we are bearing a major cost as we move to the next phases and we haven't asked for any relief before this.

Mr. Guedes continued that we are beginning occupancy and CO's will be issued per floor. The fifth floor is now ready down to the second floor and the fourth floor is ready. We would like to pay the fees for the fifth floor so that we can get the CO's released and credit towards the other floors as the CO's are being released.

Mr. Pereira said perhaps you can pro-rate it while you work it out. There are 36 bedrooms per floor. There was discussion on how many one and two bedrooms there are per floor. The fourth and fifth floor need CO's in the next 2 days and the second and third floor within the next week.

Commissioner Dognin said we need a Special Meeting. They are paying partial fees now and we will figure it out.

Mr. Nizzardo asked what would the old existing owner get charged?

Commissioner DeAngelis said that is something to discuss.

Commissioner Hellauer said disconnecting the roof drains would have been mandatory anyway.

Commissioner Dognin said lets let them have forty (40) units at the new rate and then come up with a new rate - who cares what floor it is - just the number of bedrooms.

Commissioner Morse said he would ask Robert Novack who writes for the Huntington Herald if he has any information on how many people worked in the building.

There are 103 units total and we will OK 40 units.

**Motion:** A motion was made by Commissioner Hellauer and seconded by Commissioner Dognin to grant Birmingham to get permission to get occupancy for 40 units at the current rate until we have a Special Meeting to determine the final costs - at the going rate of 1 bedroom or 2 or 3 bedrooms or whatever. Mr. Guedes will determine which 40 units. All were in favor. Motion carried unanimously.

Mr. Guedes said this will work for all of us.

### **C. Superintendent's Report**

Mr. Ed Comboni read his status report into the record as follows:

Mr. Comboni said DEP cited us for the odor. We put in a filter on the holding tank and we have been removing the scum with the new skimming device to help with the odor as DEP cited the scum as the cause of the odor.

Removing the sludge is helping reduce the odor. We are continuing to improve the odor problem. We are hauling sludge away. Septic tankers are still not dumping.

SBR's 3 and 4 may be on-line in October.

The permanent by-pass has been sealed so we won't get any more inflow in.

The foaming is still being worked on.

The grit has not improved and is still the same. The process is working as intended but it is not what DEP wants.

Huber is going to give us a quote for an add-on unit.

Mr. Farmer asked who is "they" from DEP?

Mr. Comboni said it is Joe Nesteco - he is a big proponent of "beach sand".

Mr. Sym said there is a health issue.

Commissioner Dognin said we should buy the Huber System - we didn't expect the odor problem.

Commissioner Hellauer said I am sure we can find \$150K for this.

Commissioner Dognin said we need to get the beach sand quality at the lowest possible cost.

Commissioner Morse said there is no requirement for beach sand - so we can go slowly.

Commissioner DeAngelis agreed.

Mr. Sym said upstairs we have brand new ceilings and painted walls and they were going to put in rugs - and the next floor down it is very nasty - it is a health issue.

Mr. Farmer said we talked to Huber and got a price and reported to you at WPCA a couple of months ago. The prices vs. benefit did not stack up. You need to capture the grit in small containers and not use the trailer as a capture mechanism. Go to a different company, like *Call Peter* - so there are some alternatives that can be implemented and we are all still talking.

Commissioner Dognin said the cost vs. benefit never took into account the odor or garbage cans/leakage/plastic bag approach. Mr. Comboni said the drains are not right.

Kevin Farmer asked how does it get out of the cans?

Mr. Comboni said it is sloppy and splashes over and the floor is always wet.

Mr. Sym said we want to come up with beach sand to dump at Elizabeth Shelton School.

Mr. Farmer said DEP does not require beach sand but ideally they would like beach sand - but it would be nice.

Mr. Comboni said he has highly recommended to me beach sand is what they prefer. Torrington plant is the process they would like up to have - though not required. The way it is now it has to be hauled to Massachusetts, as it is "special waste". If it is beach sand quality, you can haul it home in your car.

Mr. Farmer said the Huber generates 2% organic and has to be mixed with sand stuff. So, I am not sure Huber will make it.

Commissioner Dognin said we need to do what is right for the City.

Commissioner DeAngelis said DEP has not shut down the plant.

Commissioner Hellauer said if we get one employee sick down there, we re all going to be sorry.

Commissioner Dognin said we shouldn't allow this.

Commissioner Morse said lets continue to observe the costs.

Mr. Farmer said we will look at it.

Mr. Comboni said a storm changes the whole process and there is more grit.

Mr. Comboni said four men and four hours is what it takes to do one tank and we will have four tanks and no one is complaining. The guys do their job the best they can.

Commissioner DeAngelis said he thinks it is wise not to do auto scum removal. We had to show we were keeping the costs down.

Commissioner Morse said we don't know the full impact of the new equipment.

Mr. Comboni aid the SBR tanks need repairs once a year and empty the tank.

Commissioner Morse said to save labor we may have to look at things to save labor such as automatic scummer and 2% beach sand in order to save labor.

Commissioner Morse said UI demand response - we can go onto the Internet. Every Wednesday at 11:00 they run the generator and we can find out what the plant is doing and you can see how much kilowatts is consumed.

Tape 1 Side B 7:46 p.m.

## **B. Maguire Group Status Report**

Mr. Farmer said SBR tanks 3 &4 are well along the path of being built and started up.

The permanent system is not up until next year.

There are odor issues and some measures have been taken to remove the odors.

Mr. Comboni said skimming the SBR tanks can only be done when the tank is in fill cycle. We could do this every day and it takes several hours.

SBR tank #1 has been skimmed four times.

SBR tank #2 is not connected to the scum truck. So, we need a septic tank hauler to come and we gravity feed it down to the truck and he hauls it over to the scum truck that is on line and it is pumped to the holding tank. We have done that twice. We don't have plant water yet so we use city water with very little pressure. Two men pull the boom and one man hosing and another man operates the truck - so it is a four-man operation. We are doing this on two tanks now and will be doing it on four tanks when they are up and running. It is time consuming.

Mr. Farmer said when the scum goes to four tanks the scum will be thinner and not as much work.

Commissioner DeAngelis said we have to finish first to see what we have to do.

Mr. Farmer said Nickerson hopes to be on-line in October.

Commissioner Morse said then we can decide what needs to be tweaked.

Mr. Comboni said he wants the septic hauler there Friday around noon. Commissioner DeAngelis said he will try to be there.

Mr. Farmer said there is an issue with bank stabilization device around the outfall - we are looking at a new device and while it is friendly to fish, DEP likes it. It may be a push to get it installed this year and under what contract. The outfall structure is not changing but we are trying to reduce the severity of the fall and it will help with the foam.

Mr. Comboni said DEP has notified up we need to eliminate foam at the end of the upgrade.

Mr. Farmer said we hope this will help.

Mr. Farmer suggested using an anti foaming agent.

Mr. Comboni said we used another one and it is an expensive agent.

Mr. Sym said there was supposed to be a hood installed.

Mr. Comboni said it never happened. There was nothing to attach it to.

## **6. NEW BUSINESS**

### **A. Amendment #2, Engineering Services Agreement**

#### **Engineering Services Agreement by and between The City of Shelton and Maguire Group, Inc. For Phase I construction for sewer replacement, sewer lining and manhole rehabilitation.**

Mr. Farmer said the fall project is to rehab parts of the sewer system to reduce the I&I. Tomorrow is the bid opening for this project which we went out to bid a few weeks ago. By the end of the month DEP is requiring by letter that a contract be underway to start work in September to finish by the end of the year or 150 days. We need to provide construction phase services which we are not under contract yet to do, so appendix A on page three describes the scope and page 5 shows the fee structure for \$135,800 for amendment 2 and \$73K plus \$163K for Amendment I SSES investigation that we are doing now for a total of \$372,489.

Commissioner DeAngelis said he wants to see the history and feels it was not presented to us telling the whole story. It is confusing and the numbers should all add up.

Commissioner Dognin asked when the bids are opened tomorrow, what does the contractor do?

Mr. George Pendleton from Maguire Group said the contractor will be contract #1 which is West Canal Street, Center Street and lining a portion of Center Street and Bridgeport Avenue and putting in a 24-inch replacement sewer on West Canal near the Farmers' Market.

Commissioner DeAngelis said this is where it is confusing and complicated.

Commissioner Morse said he has the same problem - it is very confusing.

Mr. Farmer said this is the third document of three, the Agreement, Amendment I and Amendment 2. This is trying to amend the first contract by saying here is an article that is new, etc. Page three shows what this is doing.

Commissioner DeAngelis said this needs a cover sheet and it is confusing. I know we have to approve this tonight so it can go to the Board of Aldermen tomorrow night - but it is confusing and needs to be revised.

Mr. Farmer said he can easily provide a table in the portion which is compensation and show Agreement and the cost and a crib sheet of what Phase I is and what they are doing.

Commissioner DeAngelis said he will work with Mr. Farmer on this.

Mr. Farmer said the Engineers estimate of \$800,000 for Phase I. Tomorrow the bids come in.

Mr. Sym said when this went out last time, we had it in two parts.

Mr. Pendleton said we revised scopes so the key cost differences are all down Bridgeport Avenue and Center Street with open cover replacements.

The money comes from the referendum/pump station.

There is some night work.

Mr. Sym said the low bidder, Mark IV, let \$2 million dollars on the table and he would not hold his price - so I was going to figure \$4 million dollars. And if it does, we do not have the money to cover it.

Commissioner DeAngelis said "then we shouldn't sign the agreement tomorrow."

Mr. Sym said they (George Pendleton) revised it to \$800,000. That is the estimate.

Mr. Farmer said because we are under a time crunch, the Board could approve this soon and we could be underway by the end of the month. There are some other things that need to happen too - which includes the bids being opened tomorrow and tabulated, and hopefully, there is a clear picture there and someone can be identified as the lowest, reasonable bid next week. We then have a funding application package that we are underway with and need to submit to DEP like next week and there are certain things from the City that are needed - financial statements, EEO forms and the Mayor and Board of Aldermen will have to be involved in the re-signing or say that resolutions passed several years ago are still good with respect of putting the City's commitment behind this.

Mr. Pendleton said the last grant application was 2003 and needs to be revised and submitted to DEP.

Commissioner DeAngelis asked if he thinks someone should go to the Board of Aldermen meeting tomorrow night? Do you think there will be questions?

Mr. Farmer said that would be a good idea.

Commissioner DeAngelis said he would go to the meeting.

Mr. Farmer said you should have the letter from Stella Marusin that this should happen by the end of the month.

Mr. Sym said you won't know about the bids until 5:30 tomorrow.

Mr. Pendleton said the bids are due by 11:00 tomorrow.

Mr. Sym said it would be good to know that number before you go to the Board of Aldermen meeting tomorrow night.

Mr. Farmer said the bid needs to be reviewed carefully before you give out that number and needs to be from a responsive bidder.

Mr. Pendleton said there are 20 sets of bids out and at least a dozen are serious primaries. Reynolds slip lining took one out, Mark IV, etc.

Commissioner Morse said the Aldermen should know the funding source that they don't have to come up with any new numbers.

DEP says this has to start by August 30th per their memo of July 13, 2007.

**Motion:** A motion was made by Commissioner Morse and seconded by Commissioner Dognin to recommend that the Board of Aldermen approve Maguire Group, Inc., *Amendment #2 for Construction Phase Services*. All were in favor. Motion carried unanimously 6-0.

Mr. Farmer said we should have a special meeting to review our recommendations from the bid tabulations that will come in tomorrow. We can tabulate them by next Tuesday unless there is an issue.

Tape 2 Side A 8:34 p.m.

The Special Meeting for next week should be to review our recommendation for the Phase I contract - review the bid evaluations, Birmingham rates, Phase I general contractor, Maguire Group Amendment #3 for the Relief Sewer Design.

It was decided to schedule the Special Meeting for Thursday, August 16th at 4:00 in Room 104. Guedes from Birmingham should be invited as well.

Mr. Farmer said we need to consider Amendment #3 for design and to install the parallel relief sewer by October 31st for a funding of \$39K.

Mr. Sym said when Birmingham gives us money, it will be spent on this pipe. This is new and not considered in the past bond issues or referendums. This is new.

**B. Maguire Group Change Order #9**

Mr. Farmer said this is the change order for the general contractor (Nickerson) for pipe modifications:

- Perform piping modifications to the grit classifier drainage piping FF#070 dated 5/14/2007	\$12,243.00
- Perform process piping modifications in the Sludge Building and Sludge Storage Tanks, FF#071, include FF#053 dated 5/8/07	<u>\$17,168.00</u>
Total	\$29,411.00

**Motion:** A motion was made by Commissioner Hellauer and seconded by Commissioner Piotrowski to recommend that the Board of Aldermen approve Change Order #9 from C.H. Nickerson for \$29,411.00 Monies to come from the Contingency Fund. This is to perform piping modifications to the grit classifier drainage piping system located in the

Administration Building basement and to perform piping modifications to process piping located in the Sludge Building and Sludge Storage Tanks. All were in favor. Motion carried unanimously 6-0.

**C. N.O.K. - Request for Sewers**

This is a request from Nowakowski, O’Bymachow, Kane and Associates for six homes on Biltmore Road. They polled a total of six families to see if they had any interest in city sewers. Four replied they would have some interest in hooking up, one replied no and one did not return a response. They are requesting the cost of extending the sewer line to Biltmore Road.

Mr. Sym indicated we would need a Public Hearing and then design and go out to bid.

Commissioner Hellauer said this would all be pump-up?

Mr. Sym said no it would be gravity. There is a manhole at the intersection of Willoughby.

**D. BILLS RENDERED**

- 1. DTC.....\$ 11,141.90  
(Diversified Technology Consultants)

**Motion:** A motion was made by Commissioner Hellauer and seconded by Commissioner Dowty to authorize payment to DTC the Pump Station Engineering Consultants for \$11,141.90 from June 10, 2007 to July 07, 2007. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

- 2. Maguire Group.....\$ 62,832.45

**Motion:** A motion was made by Commissioner Dognin seconded by Commissioner Morse to approve payment to Maguire Group in the amount \$62,832.45 dated July 27, 2007 Job 18297. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

- 3. Maguire Group.....\$ 77.57

**Motion:** A motion was made by Commissioner Piotrowski seconded by Commissioner Hellauer to approve payment to Maguire Group in the amount \$77.57 dated July 27, 2007 Job 17854 for site plan reviews, sewer inventory and sewer connection. All were in favor. Motion carried unanimously. Monies to come from the Revolving Sewer Account.

- 4. Maguire Group.....\$ 45,324.17

**Motion:** A motion was made by Commissioner Piotrowski seconded by Commissioner Hellauer to approve payment to Maguire Group in the amount \$45,324.17 dated August 3, 2007 Job 17444. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

- 5. C. H. Nickerson & Co.....\$548,326.34

**Motion:** A motion was made by Commissioner Dognin and seconded by Commissioner Morse to approve payment to C. H. Nickerson in the amount of \$548,326.34 dated July 31, 2007. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

6. Kovacs Construction.....\$188,365.53

**Motion:** A motion was made by Commissioner Dowty and seconded by Commissioner Dognin to authorize payment to Kovacs Construction for \$188,365.53 dated July 27, 2007. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

Ed Comboni returned with the October 2006 information regarding the Grit Washing System.

**E. Sewer Administrator's Report**

Mr. Sym said it was brought to his attention at the meeting with the pump station contractor that the roofs on the two large pump stations are not in good shape. That is Beards Saw Mill and lower and upper Route 8 and they are not in the contract to fix. They are flat roofs. They will get me a price. I don't know why they were not included when Dewberry did the original contract. Perhaps Kovacs can sub this out so we don't have to go out to bid.

Commissioner Dognin asked if Mr. Sym has had a chance to look at the manhole on Constitution and Long Hill Avenues and the sinkhole.

Mr. Sym said he looked at the manhole and it has holes in it and smells and he needs to measure it and put a new cover without holes on it. He said he did not get to check the sink hole yet since he was just told about it the other day.

Commissioner Dognin said #38 Wright Street (Ladis Place) needs an address plaque for ID as well as any other buildings we have with phone lines. They need road/address signs so they can be found easily if there is a 911 call.

Commissioner DeAngelis said we also need a dedication to Matty Gallo.

**7. FINANCIAL STATEMENT**

The Financial Statement was reviewed.

**8. ADJOURNMENT**

There being no further business to conduct this evening,

**Motion:** A motion was made by Commissioner Hellauer and seconded by Commissioner Dognin to adjourn. All were in favor. Motion carried unanimously.

The meeting adjourned at 9:16 p.m.

Respectfully submitted,

Linda M. Hooper  
Clerk                                    2 Tapes on file with the City/Town Clerk