

The Regular Meeting of the Water Pollution Control Authority was called to order by Chairman Michael DeAngelis at 7:00 p.m. on Wednesday, December 12, 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
Steve Morse
Bronislaw Piotrowski
Richard Jager
Todd Dowty
Edwin Hellauer
Regis Dognin

Absent were: 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.

3. APPROVAL OF MINUTES OF THE REGULAR MEETING OF NOVEMBER 14, 2007

<p><i>Motion:</i> A motion was made by Commissioner Piotrowski and seconded by Commissioner Jager to approve the Minutes of the Regular Meeting of November 14, 2007 as submitted. All were in favor with the exception of Commissioners Hellauer and Dognin who abstained, as they were absent from that meeting. Motion carried unanimously.</p>
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4. COMMUNICATIONS

A. Budget Worksheet

Commissioner Morse made some budget comments. There was a large increase in the electrical power at the plant. He indicated that he went to an Energy Seminar yesterday in Hartford and it was to make people aware that you need to address energy which includes water utility and you get a more efficient operation. They went through a number of procedures on how to do this. Facilities that implemented this approach saved all kinds of money and they instituted new ideas and have a more efficient operation.

Commissioner Morse gave a copy of the "Energy Management Guidelines" to Mr. Sym and Commissioner DeAngelis, The WPCA's can get a 2% State loan up to \$3million and we would not have to go to a referendum.

The User Fees charged by other operations range from \$5-8K for a three-bedroom unit.

The November nitrogen pounds dropped to 82, which is good!

Electrical Power - there is a large increase for the month of October - it really jumped up. I will let Ed Comboni address that in his status report.

On the Capital Equipment we finally got to \$75K assigned and that will end up in the Capital Fund.

Both chemicals and sludge are running in lower levels and lower than expected.

Personnel - the overtime costs are 15% over the original payroll. We will watch this and we may ask for an overtime analysis.

Income - the June 07 User Fees have been collected and there is \$555K+ awaiting transfer into our current budget account.

The City received a check from UI for \$47K+ in response to our new equipment installed and rebates and will go into the capital funding account.

Looking at the Income and Expenses graph - we are in the hole. We don't have enough revenue and will be in the hole \$100K by the end of the year if everything holds true.

Commissioner Hellauer said we have never had a deficit yet.

Mr. Sym said we had a surplus for many years and broke even a couple of years.

Mr. Comboni said we have four SBR's on line and manually had to operate the blowers to keep the treatment up.

We re having a problem with the DO (dissolved oxygen) probes.

Mr. Asikainen said we have gone to Royce to get the DO Probes replaced. We have had problems with them since the beginning. You need oxygen for denitrification.

The guys are doing an excellent job in getting the nitrogen down.

Commissioner Morse asked Mr. Comboni why did the water usage jump up?

Mr. Comboni said we used clean water to wash the tanks and the sludge thickener is efficient.

Mr. Farmer said there was simultaneous aeration in October.

Commissioner Morse said that Stamford Plant uses a process of compressing the sludge and they are going to burn it. May be we can hook up with them.

Mr. Sym said they have to beat Naugatuck's prices.

B. Superintendent's Report

Mr. Comboni entered his report into the record as follows:

Mr. Asikainen said regarding the foam - the pipe that was installed in the outflow is working well.

Mr. Comboni said at low tide it has not improved.

Commissioner DeAngelis read an email from George Caughman from Maguire Group regarding the grit odor as follows:

Commissioner DeAngelis suggests that the Plant follow what the engineer has designed for two to three months and see if it works and see what happens and if it works.

Mr. Comboni said the email is a crock and a misrepresentation - where does the liquid go once it is in the bag in the truck? It has to go somewhere and I think it will leach into the river.

Mr. Asikainen handed out the Grit Management Procedures sheet.

Mr. Comboni said they will try it this way and see what happens.

Mr. Asikainen said the trailer needs a plastic liner. This is the big item.

There was much discussion on this.

Commissioner DeAngelis said let's go to the Plant.

Mr. Comboni said I just called Jim (Convertito) my mechanic to come down here right now to talk to you. We have worked with everyone to try to stop this liquid going on the floor. George's design on the pipe does not work to drain the pipe down - so I hope we won't be charged for this.

Mr. Asikainen said that Ed Comboni has cooperated with us. You cannot dump grit in the trailer, which leaks on the floor - you will have an odor.

Commissioner DeAngelis said George Caughman recommended some things at the plant, which he says you are not doing. I want to try it for 2-3 months their way to see if it works. The engineers say you have been rude to Maguire's engineers. We can extend the permit if we want to.

Jim Convertito arrived and said that we complain on how things are broken and we have to do things manually. They are more worried about the floor dripping and I am trying to keep the SBR's up.

Commissioner DeAngelis said he wants Jim and Ed to make a list of problems each month.

Jim Convertito said the outfall is no change. Stella Marusin agrees with us. I do butt heads with Maguire Group.

Tape 1 Side B 7:45 p.m.

Commissioner DeAngelis will meet with Jim next week at the plant.

5. OLD BUSINESS

A. Spooner House

Commissioner Jager distributed the Spooner House Annual Report, which shows \$1.4 million in budget/assets.

Commissioner Jager said he has been on a non-profit organization in the past but not this one.

Mr. Sym suggests not charging them a Benefit Connection Charge as they are non-profit and put in their own sewer line for \$50K.

Mr. Sym continued that we have waived assessments for churches and city properties in the past - it has been done before. This application was first presented to us in 2004.

Commissioner Hellauer said he has no problem with waiving the connection charges.

Commissioner Piotrowski said lets *defer* it.

Mr. Sym said the Huntington Congregational Church in 1990 and Huntington School that received an assessment waiver.

They will pay the user charge.

Commissioner DeAngelis wants to know the last project deferred.

Mr. Sym said Huntington School and Church in 1990.

Commissioner Morse wants to waive the benefit connection charge as the Spooner House serves the Valley.

Commissioner Jager said it is a big place and it is over 12,000 sq ft. I can see a reduction - say of 15% in benefit connection charge. But I am against waiving it.

Mr. Sym said the connection fee is in excess of \$30K. Maybe use an assessment that we did not go by this property with the sewer line so you cannot defer something we did not provide. I do not know if we can defer this.

Commissioner Dognin said there is a benefit of connecting to the sewer system. Whether we went by the property or not.

Mr. Asikainen said the benefit connection in other towns - the future people need to pay their fair share.

Mr. Sym said this line was put in privately from the pump station to Todd Road. The City never put in any of the line.

Commissioner Dognin asked: should we subsidy non-profits and what kind of non-profits?

<p>Motion: A motion was made by Commissioner Piotrowski and seconded by Commissioners Hellauer and Dognin to <i>defer</i> the connection charges to Spooner House and authorize Tom Sym to get a ruling from Corporation Counsel regarding deferring the charges. All were in favor. Motion carried unanimously.</p>

Going back to Jim Convertito from the Plant:

Mr. Convertito has now read the George Caughman letter and said the comment to run the ditchrider 24 hours a day - it was too much and made it worse from my point of view.

The cover is too small and short and does not work on the trailer.

SBR's 2&3 are pushing together and I want to make sure they are fixed and tested before they leave. The conduits and water pipes are moved/bent.

Commissioner DeAngelis said the steel is bent and Maguire Group should report on that next month.

Jim Convertito said to scratch the rakes idea. I will show you next time.

Commissioner Dognin said to Ed Comboni to make a list in your report each month what is not right and warranty items.

Mr. Convertito said he is having problems with things that have never worked.

Ed Comboni said we will attach warranty items on the monthly report.

B. Change Order No. 13 - C.H. Nickerson

Mr. Sym said this is on the Board of Aldermen's agenda for tomorrow night to approve and they need a motion from us.

We agree on the \$849.87 net add.

Both Commissioner DeAngelis and Mr. Sym recommend approval.

Commissioner Jager said he has a concern - there is \$30K in crack repairs.

Commissioner DeAngelis said that concrete moves.

Mr. Asikainen said he spoke to a concrete pourer and he looked at it and said there is nothing extra ordinary.

Commissioner DeAngelis said the cracking was not structural but the decision was made to repair the cracks with filling.

Commissioner Jager asked didn't they plan for cracks and repairs?

Commissioner DeAngelis said we exceeded the Change Order allowance for cracks.

Mr. Asikainen said we expected cracks/allowance, but not as much as we got.

Commissioner Jager said the \$30K crack injection is a big deal. He has done crack injections and is familiar with it.

Commissioner DeAngelis said the cracking is not structural and there are a lot of deducts here and it shows that Maguire Group is doing their job.

Commissioner Morse asked what was the risk if you did not repair the cracks?

Mr. Asikainen said the Change Order of less than 2% - we did pretty well. It was a safety factor at the time.

Commissioners Dognin, Dowty and DeAngelis agreed that less than 2% is good.

Commissioner Morse said if it is safety related, we have to go along with it.

<p>Motion: A motion was made by Commissioner Morse and seconded by Commissioner Dowty to <i>approve Change Order No. 13</i> in the amount of \$849.87 and to forward to the Board of Aldermen for approval. All were in favor with the exception of Commissioner Jager who abstained. Motion carried.</p>
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C. Change Order No. 14 - C. H. Nickerson

Commissioner Jager asked what is the change in outfall work scope for \$22K?

Mr. Farmer said the shoreline/bank stabilization at the outfall area. It is very permit-laden with DEP. We may extend the Nickerson Contract to install "ajax" stabilization in June. It is a deduct now but will probably cost more later. There is concrete block which did not able us to do sheet piling. We have to do ajax as a different mode of stabilization with rip rap in lieu of sheet piling to stabilize the shore. It is environmentally friendly.

Commissioner Dognin said the stabilization of the shore has nothing to do with the outfall.

There was discussion of de-foaming agents and grit systems.

Motion: A motion was made by Commissioner Dowty and seconded by Commissioner Jager to **approve Change Order No. 14** in the amount of \$6,175.00, a deduction, and to forward to the Board of Aldermen for approval. All were in favor. Motion carried unanimously.

D. Maguire Group Status Report

Commissioner DeAngelis said he has good things to say about Maguire Group and how George operates.

Mr. Farmer said there is Substantial Completion requested by Nickerson and release of withholding funds. The withholding amount is \$154K for exceptions, which are:

- Outfall Structure completion
- Chlorine contact tank not completed yet
- Motors in SBR tanks

We should have a ribbon cutting ceremony.

The plaque for the plant is in the works as well as a “Chairman Matthew P. Gallo” Conference Room plaque.

Mr. Farmer said the relief sewer design draft documents have been submitted to Tom Sym as well as to the State for review. They should be resolved soon and bid in the early spring.

Mr. Sym wants to re-route a couple of sewer lines.

Commissioner DeAngelis wants Mr. Asikainen to give a report on the Change Orders with Mayor Lauretti. Mr. Farmer said they are intending to meet with the Mayor soon.

Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Dognin to add item 5E to the agenda “**Substantial Certificate of Completion**”. All were in favor. Motion carried unanimously.

E. Certificate of Substantial Completion

Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Piotrowski to authorize Tom Sym to sign the Certificate of Substantial Completion to C. H. Nickerson with a retainage of \$154,463.43. All were in favor. Motion carried unanimously.

6. NEW BUSINESS

A. BILLS RENDERED

1. C. H. Nickerson & Co.....\$299,627.89

Motion: A motion was made by Commissioner Piotrowski and seconded by Commissioner Hellauer to approve payment to C. H. Nickerson in the amount of \$299,627.89 dated December 05, 2007. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

2. C. H. Nickerson & Co.....\$188,788.63

Motion: A motion was made by Commissioner Dognin and seconded by Commissioner Hellauer to approve payment to C. H. Nickerson in the amount of \$188,788.63 dated December 05, 2007. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

3. Kovacs Construction.....\$ 88,762.95

Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Jager to approve payment to C. H. Nickerson in the amount of \$88,762.95 dated November 09, 2007. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

4. DTC.....\$ 6,983.08
(Diversified Technology Consultants)

Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Morse to authorize payment to DTC the Pump Station Engineering Consultants for \$6,983.08 from Sept 30, 2007 to October 27, 2007. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

5. Maguire Group.....\$ 13,650.00

Motion: A motion was made by Commissioner Dognin seconded by Commissioner Hellauer to approve payment to Maguire Group in the amount \$13,650.00 dated November 19, 2007 for the Relief Sewer Project which is 90% complete.. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

6. Maguire Group.....\$ 2,000.00

Motion: A motion was made by Commissioner Hellauer seconded by Commissioner Dowty to approve payment to Maguire Group in the amount \$2,000.00 dated November 19, 2007 Job 17854 for site plan reviews – Sierra Suites Hotel. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

7. Maguire Group.....\$ 120.54

Motion: A motion was made by Commissioner Dognin seconded by Commissioner Dowty to approve payment to Maguire Group in the amount \$ 120.54 dated November 19, 2007 Job 18297. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

8. Maguire Group.....\$ 40,218.51

Motion: A motion was made by Commissioner Dognin seconded by Commissioner Piotrowski to approve payment to Maguire Group in the amount \$40,218.51 dated December 07, 2007 Job 17444. All were in favor. Motion carried unanimously. Monies to come from the Wastewater Collection Systems Fund/Referendum Fund.

B. Radcliff Park - 185 Canal Street

Ted Hart

Professional Engineer
Milone and MacBroom

This is north of Birmingham. A Primrose/Guedes project. It is 250 apartments with 125 one bedroom and 125 two bedroom units.

The parking garage is in the center of the building.

The first floor elevation is 30. The sewer is elevation 10 on Canal Street. So we are higher than the sewer line.

There are no basement connections.

The average flow is 26,250 per day and we are proposing two lateral connecting to the sewer.

The capacity of the 15 inch sewer line is 1.6 mgd.

There is a minor amount of flow compared to the capacity.

The peak is 130,000 gpd.

We are requesting permission to connect into the sewers.

This was the asphalt plant and it is an empty lot now.

The building is five stories.

Commissioner Piotrowski asked will they have trouble hooking into the Canal Street Sewer?

Mr. Sym said we will need a relief sewer in before this project and recommend a back flow preventer on each connection.

Mr. Asikainen asked will there be a lot of backwash from the swimming pool?

Mr. Hart replied "some, but not excessive."

Mr. Asikainen said to be sure it is not done during peak times.

Mr. Asikainen asked Mr. Hart to show the drain elevations of the pool relative to the sewer. You don't want sewage in the pool.

Mr. Hart said he will give plans to Maguire Group for their review.

Tape 2 Side B 9:15 p.m.

The storm drainage is to a Vortech System.

Commissioner Dognin said the application does not have a number and needs one and a project name assigned to it.

He also said he would like a breakout such as: (not just the total)

125 units @ \$850	=	\$106,250
125 units @ \$1600	=	<u>\$200,000</u>
Total		\$306,250

Motion: A motion was made by Commissioner Dognin and seconded by Commissioner Hellauer to forward Radcliff Park application to Maguire Group for their review and comments. All were in favor. Motion carried unanimously.

C. Sewer Administrator's Report

Mr. Sym said he had nothing more to add.

7. FINANCIAL STATEMENT

The Financial Statement was reviewed.

Commissioner Morse said the Capital Sinking Fund is going to get \$75K from budget expenses + \$47K (UI).

8. ADJOURNMENT

There being no further business to conduct this evening,

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

The meeting adjourned at 9:43 p.m.

Respectfully submitted,

Linda M. Hooper
Clerk

2 Tapes on file with the City/Town Clerk