

WATER POLLUTION CONTROL AUTHORITY-REG. MEET-NOVEMBER 14, 2012

The Regular Meeting of the Water Pollution Control Authority was called to order by Chairman Michael DeAngelis at 7:00 P.M. in Room305 of Shelton City Hall, 54 Hill Street, Shelton, CT. 06484 on Wednesday, November 14, 2012

The following Commissioners were present to constitute a *quorum*:

Commissioner Michael DeAngelis
Commissioner Regis Dognin
Commissioner Todd Dowty
Commissioner Joseph Frolish
Commissioner Edwin Hellauer
Commissioner Stephen Morse
Commissioner Donald Ramia

Also in attendance: Thomas Sym, Sewer Administrator
Jeff Shortell, WPCP Superintendent
Ed Comboni WPCP
Garritt Ogden WPCP
Matt Jermaine Fuss & O'Neill
Virgil Lloyd Fuss & O'Neill

Absent: Pete Pavone, Asst.

1. THE PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited by all.

2. PUBLIC PORTION

There was no one from the public wishing to address the Commission.

3. APPROVAL OF MINUTES OF REGULAR MEETING OF OCTOBER 10, 2012

MOTION: A motion was made by Regis Dognin seconded by Edwin Hellauer to approve the minutes of the October 10, 2012 meeting. All were in favor. Motion passed unanimously.

MOTION: A motion was made by Stephen Morse seconded by Edwin Hellauer to add 5F- to the agenda, the schedule of Meetings for 2013. All were in favor. Motion passed unanimously.

4. COMMUNICATIONS

A. UPDATED LIST OF WPCA MEMBERS

Chairman DeAngelis stated that there was one change he no longer has a home phone number. Decided to go to cell only. Rt. 110 is the dividing line. Cross off the house phone he added. Commissioner Frolish updated his information with his email. Commissioner Ramia stated that all his information was correct.

B. ASST. TO WPCA REPORT - Pete Pavone was not in attendance and there was no report filed.

C. SUPERINTENDENT'S REPORT

Chairman DeAngelis stated concentration, loading and compliance. Are we in limits for everything, he asked? Yes answered Jeff Shortell.

Our total nitrogen is 85 below the 111 which is excellent. Our loading BOD suspended solids and total nitrogen is within the 100s and that is good. We are in compliance with effluent BOD too.

Why are we seeing all the good numbers, questioned Chairman DeAngelis? We are doing well and treating said Jeff Shortell.

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Safety training you are set on stated Chairman DeAngelis. You are set on chemicals he added. The year to date was good with the grease stated Chairman DeAngelis.

What about complaints, questioned Chairman DeAngelis? There were no complaints this month, answered Jeff Shortell.

Jeff Shortell and Matt Jermine stated that they cleaned the SBR. You started that already. It is completed and we rebuilt the motor pump on Number 1. Make sure that is on the report for completing in October stated Chairman DeAngelis.

Jeff Shortell stated we rebuilt the motor pump and we put in the 50hp motor. We also put in the BVD stated Matt Jermine. Make sure those are on the reports for next month stated Chairman DeAngelis.

Corrective maintenance stated Chairman DeAngelis. We don't need to talk about the garage door, do we? No answered Jeff Shortell. It is good these are down here and we can see all this, stated Chairman DeAngelis.

Jeff Shortell stated that we had Aaron Associates install 4 batteries in the 4 auto-dialers. We also had replacement batteries installed in the Serial Batch Reactor Uninterrupted Power Supply.

Jeff Shortell stated we had Kovacs bore the 4 inch tank drain with valve for the SBR1. How was SBR1 asked Chairman DeAngelis? It was good stated Jeff Shortell. Which one was bad last year, this one wasn't as bad, questioned Chairman DeAngelis? Number 3 answered Jeff Shortell. I remember looking at #3 last year, it is amazing the amount of junk and what comes down the line stated Chairman DeAngelis. There was a clog packed inside the blowers, he added.

No storm damage down there, questioned Commissioner Hellauer? 2 pump stations went out and the plant is on the circuits at the Police Station stated Commissioner Morse.

Commissioner Morse presented a plant history sheet. If you look at the kwh for the last two months you will see that basically it was 11 cents an hour and the month previous it was at 14 cents an hour. The City has negotiated a new generator supplier. It went from 9.5 cents an hour to 5.9 per hour. Between the plant and the pump stations we should see a market decrease in the electric cost.

With the cost going down is there any discussion in the future of the cost going up asked Chairman DeAngelis? The budget is factored with an increase because of the storm damage and next year when we do next year's budget we will know what the utility company wants for cost recovery, stated Commissioner Morse.

The next page shows the nitrogen balance for the year and we are way below the average of 111 stated Commissioner Morse. I made an estimate for the cost for 2013 and we will get a check back, he added.

Talk about checks coming back are we still on the power on demand where we get checks back. Have we gotten any money back questioned Chairman DeAngelis? About \$3500.00 answered Mr. Tom Sym. Did it go into our account; you should check on that, he added? I wrote on that to deposit it into that account said Mr. Tom Sym.

The next chart shows grease removal stated Commissioner Morse. I showed this to Pete the other day. It goes from when we started this thing. We went from April 2011 through October 2012. What are these spikes, you have two in August and one in February, what do you attribute these to, asked Chairman DeAngelis? We talked about this before and we think someone dumped something or it could be holidays, stated Commissioner Morse. Traditionally in August places have a few weeks off and that is traditionally when they do their cleaning stated Matt Jermine. It is good news stated Commissioner Morse. It is a good chart stated Chairman DeAngelis.

Commissioner Morse questioned what is the schedule on the SBR's? When will the next one be done, he added. We have done 2 now stated Jeff Shortell and Matt Jermine. We have to wait for after the winter. We have to wait until the flow is slow and we will wait for early spring or early fall stated Ed Comboni.

It also has to do with the budget. We set money aside in this year's budget for cleaning stated Mr. Tom Sym. For all 4 questioned, Chairman DeAngelis. For 2 stated Mr. Tom Sym.

How many did you clean asked Chairman DeAngelis? The 2 answered Mr. Tom Sym. Then you can't do anymore, stated Chairman DeAngelis.

We were counting on doing 1 said Jeff Shortell but we got 2 done. We had to drain 3 so that we could fix the decanter, he added. We cleaned out the valve, stated Jeff Shortell.

Matt Jermine said to do the wall of the tanks it cost about \$15,000.00. We included a lot of other things with that stated Mr. Tom Sym. We can't do any of this in the winter stated Matt Jermine.

5. OLD BUSINESS

A. BLUE HERON COVE

Dennis (inaudible) from Berkshire Engineering and Surveying and Mark Lambert, a partner with Blue Heron Cove, addressed the Commission. I don't really know where Mr. Hughes left off last month, I do know there were memos sent down, stated the applicant. I do have plans if you want to go over that, he added. Chairman DeAngelis said we will defer this to Matt Jermine.

Matt Jermine, Fuss & O'Neill addressed the Commission. We estimated the everyday flows for this development to be 16,200 gallons a day. That is based on the number of bedrooms. They will be built with two bedrooms with the potential for a walkout basement that could be converted to a third bedroom.

It is conservative unless we have specific information, stated Matt Jermine. They did send over some flow data this afternoon which was a little late for me to include. It was not a direct comparison because it was commercial and office retail space. The point was that the flows would be less for average everyday flows. Overall I think that the 16200 number is good for an evaluation stated Matt Jermine.

Matt Jermine started the future flow assessment was done back before I came on board in 2005. The sewer sheds were sliced up for flows for each sewer shed. This area was down to 3000 gallons a day before their application came in. Adding this application will put that area at a net loss of 13,241 a day, he added.

I will go through the rest of the recommendations but I think the area of discussion for the Board will be what we will do about exceeding that limit. It is an administrative limit.

We looked at the River Road Pump Station that has plenty of capacity and looked at the low pressure line going almost directly into the Pump Station stated Matt Jermine. The discharge is close to the Plant and I don't anticipate any capacity issues downstream all the way to the Plant, he added. The administrative limit is going into uncharted territory for me.

At the River Road Pump Station we really need some soft starts down there. We talked about this in months passed, we need to eliminate the current inrush that jars those pumps when they turn on. The plans are in the works and that should be completed before this goes online to prevent any further problems with the flow, stated Matt Jermine.

Some of the conditions, stated Matt Jermine, the applicant stated that he would be willing to grant a permanent easement to access the River Road Pump Station from the Southwest. Instead of trying to go down that hill in the winter when it is icy. They also were going to extend the water service to the River Road Pump Station, stated Matt Jermine.

Actually stated Chairman DeAngelis you were going to grant an easement but you are going rebuild the road. Is that part of your project, right questioned Chairman DeAngelis? We are going to go into your existing driveway giving you rights to use that existing driveway to go in answered the applicant. Ok stated Chairman DeAngelis.

There is a back-up memo they sent that discusses their commitment to do this. The grinders should be shared and the power service should be metered but not to any of the houses that are sharing them stated Matt Jermine.

They are going to add a generator receptacle with an auto transfer switch to each alarm control panel for each grinder pump. That way if the power goes down for more than two days they can send out an electrician, plug in a generator, and turn out the grinder pumps to evacuate the pump chamber, stated Matt Jermine.

Chairman DeAngelis asked there is capacity for three days, correct? Two or three days answered Matt Jermine. Based on State Statues based on flows per bedroom stated Chairman DeAngelis. That is what we should go on, he added.

The applicant stated you will have municipal water and be able to flush the john. Generally though you won't have hot water so they won't be showering, bathing or using the washing machine. Yes, you can flush but you won't use anywhere near the flows when the power is out, he added. Yes, that is true, stated Chairman DeAngelis.

Matt Jermine said from past experience it is important that the portable back-up generator will have enough power to start up the grinder pump, not just run it.

I confirmed with the applicant that the pipe they will be using will be 2 inch SBR 9 HDPE pipe, stated Matt Jermine.

There was language about the braided stainless steel flexible pipe. They will put one of those on each of the grinder pumps at each discharge line, stated Matt Jermine. The pressure pipe won't shear off with that done.

I wasn't sure about the plans with regard to the air release vacuum valve. It starts up at the Road and goes down across a culvert back to the River Road, stated Matt Jermine. That is a high point and you need a vacuum chamber, he added.

I don't see any specs for the street connection and the manholes stated Mr. Tom Sym. There is no base for the manholes and when the water flows it will cover up the footings. So we want to make sure there are no bottoms on the manholes, added Mr. Tom Sym.

A lot of times, the system will have a valve box and at the end there will be a two 45's with a connection stated Matt Jermine. It won't be a traditional manhole that you climb into, he added. So that is right you don't want a foot of sewerage in there. It is not sewerage added Mr. Tom Sym. It is surface water. If you have no bottoms on the manhole than it is going to stay there and it covers your fitting. They will be destroyed out and the pump will go off.

There is a new part of the sewer that should be lower type seal for that. There were no details on that and that is typically how we do that, stated Mat Jermine.

The 8 inch pipe that is going to be crossing Ivy Brook, the low pressure discharge and there is a new pipe there that should be insulated. When the discharge goes into the manhole that flow should be slower and of a nonturbulent manner, stated Matt Jermine. Do you want it dropped to the inside asked the applicant? The design guys have something on the website showing it coming in and discharging in the invert of the next pipe stated Matt Jermine.

Chairman DeAngelis asked what I would like you to do Matt is summarize the bullet points including what Tom wants them to do as well. To make it easier for me and the others, he added. I don't need it really detailed just give us the summary.

1. Install soft starters at the River Road Pump Station.
2. Provide an easement to access the River Road Pump Station.

That Pump Station is on an easement stated Mr. Tom Sym. That is not a City owned parcel. We have to modify that stated the applicant. We would modify that easement to allow you to use that new driveway along with yours and vice versa stated the applicant.

3. Provide Public Water Service and abandon the existing well.
4. Provide a metered power source for the grinder pumps separate from the dwelling units.
5. Provide a generator receptacle with auto transfer switch for each Pump Station.
6. Provide a braided stainless steel pipe connector on each grinder pump.
7. Provide a non-clog large orifice type air release/vacuum valve at high points in the low pressure sewer system.
8. Provide link seal or rubber boot at all sewer manholes. (Rubber boots)

That wasn't on the drawings, stated Chairman DeAngelis. No stated Matt Jermine. We will use the rubber boots stated the applicant.

9. Provide insulation for the 8 inch pipe across from Ivy Brook.

With heavier pipes you get settling and the boots aren't the right solution stated Chairman DeAngelis. We will do what you want stated the applicant.

There was a channel going that way and they might have put a sub in there stated Mr. Tom Sym. On the existing manhole if there is no sub we will use the link seal and on the other end we will use the boot, stated the applicant.

10. Provide pipe fittings for the lower pressure system to make for a smooth flow transition and stone bottoms for the manholes.

Mr. Tom Sym stated it is the manhole and you want to line the manhole. There should be stone on the bottom of that he added. Provide stone bottoms to lower pressure manholes, stated Matt Jermine. This is one of yours asked Chairman DeAngelis of Mr. Tom Sym. Yes it is said Mr., Tom Sym.

Commissioner Morse asked this is a lower pressure system how close does this rest with the 100 year flood plan? We are outside of the 100 year flood plan answered the applicant. We crossover Ivy Brook to above the flood plan. The bridge is at elevation 18 and the flood plan is at 16, stated the applicant. Matt Jermine went over some topo maps that showed the 100 year flood plan.

I would recommend this application but the Board must consider the impact of doing so on the future flow allocations to the City. Table 1 shows the impact to the sewer sheds. You need to consider the impact on future applications coming in, stated Matt Jermine.

Administratively that is up to us and I know I told you that in the last few days I have talked with Rick Schultz and he is expecting a call from you. We will be working in the next 2, 3 or 6 months on reallocating all these flows, stated Chairman DeAngelis. We will need to figure out what is needed downtown. We will have special meetings to figure that out but that is no reason to deny this application. It is us administratively that have to figure out what to do, he added. There is capacity in the system and we need to know where to move it. This application has put us back in the negative in that sewer shed area 6, stated Chairman DeAngelis.

Chairman DeAngelis asked Joe and Don (Commissioner Frolish and Commissioner Ramia) if they understand what is going on with the allocations. We have 12 sewer shed areas with a certain amount of flow coming from each one. We are a 4MG plant. I am not familiar with it stated Commissioner Ramia. We can get into later stated Chairman DeAngelis. We have 12 sewer shed areas that all flow into the plant. We have allocated x amount of gallons for each area, downtown and Bridgeport Avenue. We have it broken down into 12 sections. We are over in sewer shed 6 area. We don't have capacity for it, stated Chairman DeAngelis. This took 2 or 3 months for us to build this chart, he added.

END OF SIDE 1A AT 7:50

Mr. Tom Sym stated we finished Phase 1, did the line downtown, we did lining on the RCP line and a couple hundred manholes were replaced.

Commissioner Morse asked do we approve this with these conditions. We are approving based on his conditions not on our issues stated Chairman DeAngelis. What we looked at and what we discussed and then what the guys have to do is what I needed to understand stated Commissioner Morse. You will make the motion tonight with the bullet points asked the applicant. Yes answered Chairman DeAngelis.

MOTION: A motion was made by Stephen Morse seconded by Edwin Hellauer to accept the recommendation of Fuss & O'Neill to approve Blue Heron Cove with the 10 bullet points as summarized above. All were in favor. Motion passed unanimously.

We didn't do this on a project back about 4 or 5 years ago and it still upsets me stated Chairman DeAngelis. Excellent report Matt, he added.

5B. FUSS & O'NEILL STATUS REPORT

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We looked at the sewer sheds and what is happening now is that 9 out of the 14 have less than 10,000 gallons of capacity available, stated Matt Jermine. That report goes with every application and we only update the one that is involved in the application. You can see though we keep track of everyone and see how low they are getting. If you look at the maps you will see where the sewer sheds came from. We need to meet with the City Planner to see what projects they are working on so we know what to expect. We need to reallocate flows to different sewer sheds, he stated.

Do you have to re-meter the areas where the repairs have already been done, asked Commissioner Hellauer? It depends on the level of effort. We take data from last year for full allocations, stated Matt Jermine. There is an over estimate and we can back off on some of the flows. We are working on reducing I & I and the I & I you see on a daily basis could be less.

The sewer sheds that have been repaired can show as having greater capacity stated Commissioner Dowty. We can reallocate that or place that where we want it to go, stated Matt Jermine.

We want to quantify the flows planned for the future and meet with Tom to re-divide those allocations, stated Matt Jermine.

We have a lot of proposed units for the number 10 sewer shed area, stated Mr. Tom Sym. These numbers I put in from and I & I study years ago, he added. Long Hill Cross Roads area is being talked about significant development of 250 apartments back behind Bertucci's. They are also talking about on top of Wells Hollow Farms another 60 units. Going up the Cross Roads and whatever is left at Canal Street, said Mr. Tom Sym.

We did a basic approach that will get you where you want to go, stated Matt Jermine. The capacity and adding that back into with the planning added in. You get more capacity added in that way. The more comprehensive plan is a larger technical effort and we put no price on that. We can take the Assessors map to see where the vacant lots are and just quickly see what is developable. You then say sewer shed 10 has 200 acres of developable land with 1 acre lots, stated Matt Jermine. P & Z would have much of that stated Mr. Tom Sym. That would be great stated Matt Jermine.

We can add the flow monitoring that we did in 2010. We can also audit the sewer applications and then we deduct the flows from the applications. We can look at what was built and what might not have been built, to use some of those flow numbers, stated Matt Jermine.

We have some applications that have been on here for 6 years or more and the flows were deducted from the allocations, stated Virgil Lloyd. So those numbers could go back in he added.

In this application, not every unit is going to use that basement as a third bedroom, stated Matt Jermine. We should use some sort of model or computer model with the data from the flow monitoring we did last year, stated Virgil Lloyd. That would be a more detailed product.

When we are done with that then we would have the capacity on the remainders of the flow interceptors, as well, stated Matt Jermine. Right now with this flow application it is not tied in with the available sewer capacity. Let's say somewhere you have a 10 inch pipe that has no slope to it that would limit the sewer capacity.

Instead then you could say to the applicant, actually we have a 10 inch pipe that your sewer is going through that would put it over, stated Matt Jermine. Would you be willing to replace it then? The trunk lines are large in diameter and that should not be a problem, he added.

There is one here, stated Chairman DeAngelis. 6600 gallons on a project on Soundview Avenue by the Huntington Development Group, Billy Kay's property. That was bought back by the City, he added. 279 Soundview Avenue that should be crossed off. You guys need to talk to Tom about that in regard to the developments that the City bought back. I did go over that list, stated Mr. Tom Sym. I picked up on that one and there are a couple of other ones that are pending, he added.

The basic approach does include stuff like that, asked Chairman DeAngelis. Rick Schultz should be able to help with that, stated Mr. Tom Sym. He knows and hears more about who will be developing the Wells parcel, who is interested in the Francini parcel, and there is a for sale sign on the other side of the Cross Roads. There is 15 acres there, he added.

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The project behind Bertucci's is against the plan of development. That is supposed to be corporate, stated Commissioner Dognin, not residential. So you don't know what the Planning & Zoning will do on that one. They are looking at how much commercial space is available for rent, stated Mr. Tom Sym. The more people who move into town to occupy some of these commercial areas need rentals, he added.

Matt explained the basic and the more comprehensive, stated Virgil Lloyd. With the more detailed one we looked at the inceptors with regard to capacity remaining, he added. If they have never been looked at you might want to do that. They have been looked at, stated Mr. Tom Sym.

So at what point do we go, are you recommending the basic approach now and a comprehensive approach later on in the future, asked Chairman DeAngelis? Matt Jermine answered we are not really recommending either one. We wanted to have a discussion with you so we know where we stand. It sounds like we need to update that with a middle list approach stated Virgil Lloyd. It sounds like maybe a couple of meetings are in order to do this, he added.

Are we gaining anything going to the larger comprehensive plan, asked Chairman DeAngelis? Every three or four years you spend a minimal amount of money to update the basic approach. It is getting close enough wouldn't you say, he added. Virgil Lloyd answered just do a basic review every couple of years. That makes sense but I wanted to compound that you have the inceptors review on the shelf somewhere, he added.

We did that sewer allocation study before we came up with those numbers, stated Mr. Tom Sym. You need to go back to Planning & Zoning to see what has been changed since then, he added. Try to come up with numbers to reduce the 1.2 million of in flow. When we design the plan 1/3 would be for I & I work which is a lot.

Matt Jermine stated the basic approach really fits the need here. I think so stated the Chairman. Take the prior study and build on that, stated Commissioner Morse. I don't think that we would gain anything on the larger study, stated Chairman DeAngelis. If you didn't have that inceptors study on the shelf then it might make sense, stated Virgil Lloyd. Maybe you should look at that to see if there are flow restrictions in any of the existing inceptors shown in that study, he added. Look at the inceptor's capacity and the flow allocations, he added. That makes sense, stated Commissioner Morse.

Since this was not discussed in our 2012-2013 budget and not put in it, it is not part of the monthly meeting data, it needs to be put in, stated Chairman DeAngelis. It is an amendment then, he added. I would say it is more than anticipated and if we did this then we need to bump something, stated Virgil Lloyd.

I could meet with Rick Schultz asking him what he thinks will go through, stated Mr. Tom Sym. It could be written right on the map, stated Virgil Lloyd. He will be hearing from other applicants and his consultant as to what will be approved, stated Mr. Tom Sym. It seems to me that those 250 apartments will be going in.

We should grab the information on the old inceptors review. Those inceptors come from those zones stated Virgil Lloyd. You don't want to see something going the wrong way with regard to the numbers, he added.

It is really a WPCA support services line, stated Chairman DeAngelis. WPCA regular monthly meeting is on this list as a budget and that is really all that includes. We played with these numbers and took some of those downs. On the assignment sheet, you have A listed and this should be listed as B, he added.

On the top, asked Virgil Lloyd. On the top, where it says 13-01 A is WPCA regular meetings, is what you are doing now and 13-01 B would be Support Services for sewer shed allocations not to exceed, 5200 or whatever you want to do, stated Chairman DeAngelis. Could you have some results next month, asked the Chairman?

We could answered Virgil Lloyd. The way Matt did this was to do some data gathering and put together a drawing with current stuff. Before we had anything too formal we would sit with Tom and then with the Commission, he added. Maybe make a status report next month stated Chairman DeAngelis. Do some legwork now for the next month's meeting, stated Chairman DeAngelis. We need a motion then to add that line item, he added.

MOTION: A motion was made by Stephen Morse seconded by Regis Dognin to add a line item to the assignment sheet for future allocations to the sewer sheds in the estimated amount of \$5200.00. All were in favor. Motion passed unanimously.

We would be able to subtract the meeting with the Planner stated Matt Jermine. Tom you could meet with the City Planner questioned Virgil Lloyd. Yes I will do the legwork, stated Mr. Tom Sym.

Chairman DeAngelis stated #2 – the City of Derby. I was at a conference a few days after the Hurricane, stated Virgil Lloyd. At the end of the show, it was a water authority show, and at the end of the show, I talked with Lindsay from Derby and the Engineer from Derby, Tony. About a year ago they sent a letter to you asking if you would be interested in exploring the possibility of them closing their plant and pumping into our plant. You guys said very nice and quickly no.

They have been talking to Ansonia as well and they said that would be an extremely expensive alternative. So they said are you sure Shelton wouldn't want to talk about this. It would cost Derby at least \$40 million to go to Ansonia and I am sure we could do that for less, stated Virgil Lloyd. I said I would mention it at the next meeting.

You guys are in a good position because you are the town that has what they want, he added. I know that we are going down in the sinking fund and that could be replenished and they could fund everything that you might need in the plant, stated Virgil Lloyd.

The Attorney in Ansonia mentioned to me that they need a 1.6 million holding tank, stated Mr. Tom Sym. I never heard of anything like that, he added. The Plant is not big enough and we are not done with what we are doing and how could we do that, stated Mr. Tom Sym. Chairman DeAngelis stated that they could help with our I & I. Who is going to be a watch dog for what is happening in Derby, stated Mr. Tom Sym? Derby has 10% more flow than we do, he added.

Look at what we went through when we sent 350,000 gallons over there, stated Chairman DeAngelis. Look at the plant, we are well over on our BOD and decreasing the I & I but the strength of the sewerage is increasing, stated Commissioner Dowty.

If we took them in we would have to think big, stated Virgil Lloyd. They are bigger than we are, stated Mr. Tom Sym. How many people are on their line asked Mr. Tom Sym? 11,000 stated Virgil Lloyd. Most of the town is sewer, added Mr. Tom Sym. We have more than that unit wise said both Chairman DeAngelis and Mr. Tom Sym.

Matt Jermine stated that the aeration improvement project. We have been in discussion with the UI about electricity at the plant and the new building. I reestablished contact with them after the storm and we are about 70% complete on our design. We were talking about servicing the equipment in the building. We added another foot on the outside walkway where the blowers would be, stated Matt Jermine.

We resubmitted to a precast company. It is expensive and is not feasible. It would have to come in two half's and is only 9 feet tall. We want to go 11 feet and the garage has to be separate. That makes it unstable and we then shifted gears. We will design a CMU block building and that will be covered under the budget. Can you stick frame this thing, asked Chairman DeAngelis? You could but noise would be the problem there stated Matt Jermine. You want to design something to last at least 50 years.

It will be a flat roof with a slight pitch and waterproofing on the roof, stated Matt Jermine. They will be able to take the blowers out on rollers, he added.

We are working on the bid package and the cost package. The bidding for the turtle blower, stated Matt Jermine. If we bid that now it will mean a lot of extra meetings now until the end of December. If we slide that out and that will work with our schedule better. It will line up the bid process on the aeration improvement and the turtle blowers. That will be the total project for turtle blowers and construction at the plant and it will be a more informed decision, he added.

You have meetings for the sludge aeration building and Inland & Wetlands meetings, stated Chairman DeAngelis. I meet with those agents and it is an administrative review, added Matt Jermine. They don't see anything that would hold it up and I need to file some paperwork with them. They will make a recommendation to their respective Boards, he added.

Matt Jermine stated that the DEP needs to come out for the sensors. Installing new sensors is not critical. I am trying to reschedule with them so they come out by the end of the year. It would be nice to get the sensors working even though they are already installed. Aaron Associates have been very accommodating, he added.

The sludge thickener enclosure – we are waiting for the fiberglass platform. The manufacturer has to make the components and that will get shipped to Kovacs. They will wait for the platform and put that up at the same two or three day visit that they will do the doors on the machines, stated Matt Jermine.

The tank drain was done. It went faster than it was thought to, stated Matt Jermine. It was a worthy wild investment, he added. Kovac is on the hook to install the second drain this year. We would need to pump out SBR # 2, he added.

END OF SIDE 1B AT 8:50 P.M.

We haven't shown any progress on the permitting process but we expect that to go very quickly, stated Matt Jermine. We will have a package for them in early December and get this thing out to bid.

The assignment log sheet was updated with the totals from our latest invoices, stated Matt Jermine. All the budget percent are where I expected them to be. There are two at 81 and 92% that are just about completed. The other task still have money left to complete the work, he added.

There is a needs matrix with the updates highlighted in gray, stated Matt Jermine. The change is that we are applying for a grant in connection with the turbo blowers, he added. We would receive money that would come back to WPCA. That would be a credit not a cost and that is still to be determined once you fill out the application. You don't know until you sign to do these improvements.

Chairman DeAngelis questioned what did you change the SBR 1 and 3 dollar value for? Matt Jermine answered that he subtracted 2 and 4 and added back in the cost of SBR 1. It is the \$15,000 construction cost and \$3000 engineering cost. That is an actual dollar amount, he added.

The SCADA improvements, Canfield is finishing up the work. He provided an invoice without the market markup cost. His number was high and ate up the contingency. I kept the project on schedule and we are using him less because I didn't need to follow him around. We lowered our engineering cost, he added. We are on track.

Did you apply for the reimbursement, asked Mr. Tom Sym? For the electrical or the sensors, questioned Matt Jermine? The sensors, not yet, the sensors have to be online, that needs to be documented, there needs to be copies of cancelled checks made and all this goes to DEP. Then a check comes to WPCA, he added.

5C. KOVACS CONSTRUCTION CHANGE ORDER NO. 3

Mr. Tom Sym stated that this was brought up at last month's meeting. It needs to be signed and approved. Matt Jermine stated we need a paper trail.

MOTION: A motion was made by Regis Dognin seconded by Todd Dowty to accept Kovacs Construction Change Order No. 3 in the amount of \$56,977.00. All were in favor. Motion passed unanimously.

5D. NEPPCO CHANGE ORDER NO. 7

MOTION: A motion was made by Edwin Hellauer seconded by Stephen Morse to accept the NEPPCO Change Order No. 7 in the amount of \$57,853.96. All were in favor. Motion passed unanimously.

5E. NEPPCO QUOTE

MOTION: A motion was made by Regis Dognin seconded by Todd Dowty to approve the quote on the contract price approved last month of \$3,896.64. Funds allocated from the Sinking Fund. All were in favor. Motion passed unanimously.

5F. MEETING SCHEDULE 2013

MOTION: A motion was made by Joseph Frolish seconded by Edwin Hellauer to approve the meeting schedule for 2013 which dates are as follows, January 9, February 13, March 13, April 10, May 8, June 12, July 10, August 14, September 11, October 9, November 13 and December 11. All were in favor. Motion passed unanimously.

6. NEW BUSINESS

A. BILLS RENDERED

1. KOVACS CONSTRUCTION

MOTION: A motion was made by Regis Dognin seconded by Donald Ramia to pay the Kovacs Construction invoice of \$10,800.00. Funds were allocated from the Sinking Fund. All were in favor. Motion passed unanimously.

2. FUSS & O'NEILL INC.

MOTION: A motion was made by Todd Dowty seconded by Stephen Morse to pay the Fuss & O'Neill invoice of \$9,588.04. Funds were allocated from the Sinking Fund. All were in favor. Motion passed unanimously.

3. FUSS & O'NEILL INC.

MOTION: A motion was made by Stephen Morse seconded by Regis Dognin to pay the Fuss & O'Neill invoice of \$6,019.41. Funds were allocated from the Sinking Fund. All were in favor. Motion passed unanimously.

4. MAGUIRE GROUP – PHASE 2

MOTION: A motion was made by Joseph Frolish seconded by Todd Dowty to pay the Maguire Group-Phase 2 invoice of \$1,424.69. Funds allocated from the Sinking Fund. The vote was 6 in favor and 1 in opposition. Motion passed.

5. MAGUIRE GROUP – PHASE 2

MOTION: A motion was made by Todd Dowty seconded by Regis Dognin to pay the Maguire Group-Phase 2 invoice of \$6,082.11. Funds allocated from the Sinking Fund. The vote was 6 in favor and 1 in opposition. Motion passed.

FINANCIAL STATEMENT

Chairman DeAngelis questioned why the financials go back to 2009? Mr. Tom Sym stated that they go back to 2009 because they give us an update on the referendum money.

MOTION: A motion was made by Todd Dowty seconded by Donald Ramia to adjourn at 8:57 P.M. All were in favor. Motion passed unanimously.

Diana Barry,
Clerk