

The Regular Meeting of the Water Pollution Control Authority was called to order by Chairman Michael DeAngelis at 7:00 p.m. on Wednesday, February 11, 2009 in Room 305 of Shelton City Hall, 54 Hill Street, Shelton, CT 06484.

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

Commissioner Steve Morse
Commissioner Edwin Hellauer
Commissioner Anthony Presutto
Commissioner Michael DeAngelis
Commissioner Todd Dowty
Commissioner Bronislaw Piotrowski
Commissioner Regis Dognin
Commissioner Richard Jager

Also attending were: Thomas Sym, Sewer Administrator
Ed Comboni - Treatment Plant
Jeffrey Shortell - Treatment Plant
Alan Asikainen - Maguire Group
George Pendleton - Maguire Group

1. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

2. PUBLIC PARTICIPATION

There was none.

3a. APPROVAL OF MINUTES OF THE REGULAR MEETING OF JANUARY 14, 2009

Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Dowty to approve the Minutes of the Regular Meeting of January 14, 2009 as submitted. All were in favor. Motion carried.

3b. APPROVAL OF MINUTES OF THE WORK SESSION OF JANUARY 23, 2009

Motion: A motion was made by Commissioner Piotrowski and seconded by Commissioner Morse to approve the Minutes of the Work Session of January 23, 2009 as submitted. All were in favor with the exception of Commissioners Jager, Hellauer, Presutto and Dowty who abstained, as they were not at the work session.

ADD-ON

Motion: A motion was made by Commissioner Piotrowski and seconded by Commissioner Hellauer to add the following items to the agenda:
5 E Bid 29- 10 Change Order #2
5 F Bid 29-11 Change Order #1
6A5 Green Mountain Pipeline Services Invoice \$18,247.35
All were in favor. Motion carried unanimously.

4. Communications

A. Nitrogen Credit Exchange - 2008 (\$105,481)

This is for informational purposes. Under the exchange program, the cost of a credit is calculated on an annual basis by dividing the total annual project cost for nitrogen removal projects at Connecticut sewage treatment facilities by the reduction in equivalent pounds of nitrogen achieved.

Mr. Asikainen said it is the same thing every year - sometimes they get lower in numbers.

Commissioner Morse indicated he feels the sheet they sent us is messed up. We worked with DEP and have a new number for Shelton.

Mr. Sym said the new number is less, \$100,143.

Commissioner Morse said their calculation was wrong. The report they sent us shows it, as \$105,481 and it should be \$100,143.

The Commissioners thanked Commissioner Morse for being on top of this.

B. Trap Falls Road Sewer Petition

Mr. Sym said the sewer petition does not have a majority, or a 2/3rds majority, so we are not going any further.

The originator of the petition called me and I told him we are not going any further.

Mr. Sym said they should go to Naugatuck Valley Health and let them tell him in writing, the property cannot sustain the sub surface system.

C. Budget Worksheet

Commissioner Morse said the actual revenue is very close to our actual expenditures at this time.

The expenses page shows the green that we are in good shape, and the red is over budget. The telephone service I put on watch and the chemicals are on watch. The sludge dumping is on watch and is going over the allotted amount.

In January UI raised their rates.

January Constellation Energy raised their rates as well.

Personnel Training has money in the account for Jeff Shortell to use. We put \$75K a year into the Sinking Fund and we should use that money to respond to the Consent Decree.

Any surplus money from not buying nitrogen credits could be used for info net mapping, the FOG program, etc.

We may have to add a minimum of one person as Tom Sym's Administrative Assistant.

Commissioner DeAngelis said Maguire Group is working for us on the Consent Decree and maybe we should develop our budget towards that. That discussion should be in a Special Meeting.

Commissioner Morse handed out a draft Job Description for a *Wastewater Collection System and Capacity Administrative Assistant*.

Mr. Sym said we should ask Maguire Group for an update for the Special Meeting. They can give us anticipated expenditures so we can do our budget.

Commissioner Morse said he would like to set a date tonight.

Mr. Sym suggested making it closer to next month's meeting so it will be fresh in our minds.

It was decided to have a Special Meeting on Tuesday, February 24, 2009 at 4:30 p.m.
Agenda items would be the Consent Decree, the draft Job Description and a review of Ordinance #217.

George Pendleton will attend, as Alan Asikainen will be on vacation.

Mr. Comboni said we were inspected by DEP and they are going to issue a violation to the City of Shelton on the FOG Program as we are having a problem with the nitrogen due to the grease. This way we can/have to develop a FOG Program.

Mr. Asikainen said regarding the FOG program. I brought tonight pictures of the Mountville Sewer Plant that does not have a FOG grease problem. He passed out pictures. If we solve your grease problem this is what the top of the SBR's would look like and they have no skimmers and don't use chemicals. They decant. They just get rid of Fats Oils and Grease (FOG).

Commissioner Hellauer asked where does the grease go?

Mr. Asikainen said it is solved at the source - at the pump stations.

Mr. Asikainen said he as talked to "In Pipe" to get some information from them.

Mr. Comboni said we use Mr. Rich's chemical - we cannot treat it without it. He was in last year and gave you a proposal.

George Pendleton and Alan Asikainen said they would put something together.

D. Superintendent's Report

Jeff Shortell read his report into the Minutes:

Report to WPCA of the Plant Superintendent

Date: 2/11/09

Wastewater Treatment Facility (WWTF)
Riverdale Avenue, Shelton, Connecticut

OPERATIONS

In January, flow was 2.8 MGD and the high for the month was 3.6 MGD. The nitrogen pounds per day were high in January. The flushing of the sewer lines contributed to this as did the high flows that brought in a large volume of grease in December and January. This situation created a nocardia filamentous bacteria issue, which was resolved by chlorination.

FINANCIALS

There are at least three accounts that are under appropriated at this time. I will list them and come up with an educated estimate of what is needed.

220-4000-715-4027 Chemicals

Sodium Hypochlorite

180 days x 130 gals/day x .9750/gal = 22,815.00

Eco Catalyst

150 days x 5 gals/day x 36.80/gal = 27,600.00

ABC-Oxydizer

10 lbs/day at 6.00/16x180 days = 10,800

ABC High Rate Grease Digesting Bacteria (ABC 207)

We use 2 lbs per day (1 lb per MG) @ 14.50/lb.

14.50 x 2 lbs x 180 days = 5,220.00

Iven-Floc (385u)

55 gal drum 728.70/drum 2 per month time 5 months = 10 drums

10 dr. x 728.70/dr = 7,287.00 to reach June 30, 2009

Nutralize for Odor Control at plant & stations

1 drum x 6 each x 1,738.35 = 10,430.00

Defoamer 20 for effluent foam

1 drum container x 7 containers at 1,950.00 each = 13,650.00

Fast Break grease emulsifier

1 container @ 1,914.35 x 7 containers = 13,400.00

Total Chemicals 111,202.00

FINANCIALS

220-4000-715-8032 Sludge Dumping

We have used year to date 137,217.00 in 7 months or 19,602.00 per month. 19,602.00 x 5 months = **98,010.00** we will need to finish the fiscal year.

220-4000-715-6510 Equipment Maintenance

After this month and the repair that we are working on, I feel we will have depleted the balance of 20,000.00. I'm requesting **30,000.00** to get through the fiscal year.

220-4000-716-3507 Telephone Service

The current balance that we are showing isn't enough to pay the current telephone bill **4,000.00**

Total
243,212.00

Commissioner DeAngelis said this money that you are requesting tonight is 10% of our budget from last year. Did we cut out 10%? Did we reduce anything?

Commissioner Morse said sludge dumping has come down quite a bit but the chemicals went up.

Commissioner Morse asked if this is attributable to grease?

Ed Comboni said a great portion is. The nitrogen pounds per day were high in January - they were 221 pounds.

Commissioner DeAngelis would like to see the notes from the Budget meeting (there was no clerk at that meeting so there may be no notes taken although Commissioner Morse said he has some notes).

Commissioner DeAngelis asked, "Did we miss the target that much?"

Everyone responded "yes".

Tape 1 Side B 7:45 p.m.

Commissioner Morse said we have nothing in reserve to draw from.

Mr. Sym said we cannot keep paying these bills without any transfers so keep going and be negative at the end of the year. At the end of the year we can see what total negative is - lots of accounts go over. If we wait until the end of the year, we will have a solid number.

The Commission acknowledges we received Jeff Shortell's cost data.

Mr. Shortell asked is there money someplace? I am scared that there is no money.

Mr. Sym responded "yes".

Mr. Shortell said this is the first time in thirty-seven years that I will have a negative budget.

Commissioner DeAngelis suggests a separate meeting on FOG.

Mr. Asikainen said says Mountville uses the pump station as a trap and then a hauler sucks it out.

Perhaps Jeff Shortell can look at the cost for someone to come in.

Mr. Shortell said someone was in today and the cost is \$1400 for one pump station.

For the March meeting Jeff Shortell should submit his preliminary budget numbers.

Chairman DeAngelis recognized Chris Maybeck from Art Maybeck Septic and asked if he had any questions.

Mr. Maybeck said he is just sitting in listening hoping to learn something.

Commissioner DeAngelis said you will learn that you cannot dump anymore.

Messrs. Shortell and Comboni left the meeting.

Mr. Maybeck asked about the \$150 dumping fees per thousand gallons. The Commissioners agreed that that is what the fee is. Why did they raise it to \$150?

Jeff Shortell said at \$150 we are barely covering costs and cannot take that much at \$150 anyway. I have known you for years - but if you have a good place to go - go there and if it is cheaper, go there.

E. Consent Decree Comments (DEP)

The DEP and EPA acknowledge that they have received and reviewed the *Inflow Removal Report* - Final dated December 29, 2008 and it was signed by Bill Hogan.

George Pendleton said they felt there was a discrepancy in the tables and we didn't address one of the tables. George said that we told them it was in the report.

They wanted more detail on private sources and we drafted 4F our response letter. This has been approved by Tom Sym, Attorney Welch and Mike DeAngelis, so we will send it out tomorrow regarding the private roof leaders. We also clarified the tables and that Shelton has language in the sewer ordinance to enforce this issue.

Commissioner Hellauer asked was DEP aware that we hired someone a year or so ago who went around to disconnect roof leaders?

Mr. Sym said yes, the report mentioned it. This is an ongoing item.

F. Consent Decree Response

This is the response letter to 4E. If the source is found to be from the private lateral, a letter will be sent to the property owner with a deadline of July 30, 2009. If the source is due to the public portion of the sewer, it will be added into the next repair contract, which is due for your review by May 30, 2009.

5. OLD BUSINESS

A. NPDES Permit Renewal

The Surface Water Permits will expire on September 29, 2009. This renewal letter from DEP was sent with the application for a five-year renewal permit. The application for renewal must be submitted no later than April 2, 2009.

Mr. Sym said since Maguire Group did this five years ago, he would like them to fill it out and submit it and we need a motion to authorize them to do this.

Commissioner DeAngelis left the meeting for a few moments.

<p>Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Morse to engage Maguire Group to fill out and submit the NPDES permit that is due April 2, 2009 prior to the expiration date of September 29, 2009. This is a five-year renewal. The cost for Maguire Group is \$7500. All were in favor with the exception of Commissioner DeAngelis who had left the room/meeting. Motion carried.</p>
--

Commissioner DeAngelis returned to the meeting/room and the contract was signed.

B. Maguire Group Status Report

George Pendleton handed out his status report.

The ongoing construction projects including sewer replacement on West Canal and manhole repairs and CIP lining is underway. The manhole work is delayed due to the weather.

The final change order has been submitted - to adjust quantities.

Mr. Sym asked if we got the blessing from DEP for the extension of the contract?

George Pendleton said DEP has been notified by quarterly report and we did not get any comments back, or for the list of backups in five years.

Existing utilities is ongoing and a pipe line was hit and burst - it was a pressurized flow and the water company tried to shut off valves and that did not work and we discovered it was direct pipe flow from the canal. The canal will be shut down and once it drains, we can repair the pipe and they can continue. It was asphalt coated corrugated metal pipe that was used to cool the factories.

The I&I report needs to be finished.

Commissioner DeAngelis looked at the bar graph spread sheet and said that it looks like you are behind.

George Pendleton said some of the percent completions may not be up-to-date on the chart.

Commissioner DeAngelis asked George Pendleton to update the bar graph by next month.

George indicated we are tight on the schedule.

There was discussion.

NOTE: (The tape got caught here towards the end of the side and was removed and a new tape put in).

Tape 2 Side A 8:30 p.m.

The Emergency Response Plan needs to be scheduled soon with the fire, police and highways.

The SSES is a key activity as well for the next month.

Items required from City and/or WPCA:

- Pursue remaining inflow items
- Sewer Department will incorporate inflow removal work at 509/515 Howe Ave. into the current construction project.
- Continue to investigate the four remaining “holes in ground” and the Hewitt Memorial Hospital Building
- To finalize and mail the inflow letter to the 12 property owners
- Treatment Plant staff need to notify Maguire Group at the start of high flow events.

5. C. Sewer Benefit Assessment Regulations (Ordinance #217)

Commissioner DeAngelis indicated he forgot to run this by Attorney Ramon Sous.

This procedure is how the City water is done and we are doing it like city water.

This is for an equal split among homeowners and is not depending upon frontage, square footage or value of the building.

Mr. Sym said this is for residential.

5. D. Procedure for Sewer Extension Requests by Public

The draft was reviewed and Commissioner Dognin will make the changes and clean it up. Commissioner DeAngelis thanked the Clerk, Linda Hooper, and WPCA Clerk, Lori Gibson for their good job in putting this together.

The Commissioners went through the procedure and made minor adjustments.

A sample petition should be prepared and attached to this for the March meeting.

Commissioner Dognin will make the changes, clean it up and attach a sample petition.

Commissioner DeAngelis will speak to Attorney Ramon Sous.

It can be approved at the March meeting.

NOTE: 8:55 p.m. Commissioner Piotrowski left the meeting.

ADD-ON

**5. E. Sanitary Sewer Lining Center Street & Bridgeport Ave. City BID No 29-10
Change Order #2 Green Mountain Pipeline Services**

This is an increase of \$7,846.00 to Green Mountain Pipeline Services. This additional cost represents additional charges for heavy cleaning and root removal on the additional 18” lines which received CIPP and to balance the as built conditions.

Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Jager to approve the change order #2 to Green Mountain Pipeline services *This is an increase of \$7,846.00 to Green Mountain Pipeline Services.* This additional cost represents additional charges for heavy cleaning and root removal on the additional 18” lines which received CIPP and to balance the as built conditions. Monies to come from the Bond Referendum. All were in favor. Motion carried unanimously.

ADD ON

**5. F. Sanitary Sewer Manhole Rehab City Bid No. 29-11 Change Order #1
Green Mountain Pipeline Services**

This is a no cost change order. It is just an extension of time until March 01, 2009 for Green Mountain Pipeline Services for manhole work as they shut down for the winter.

Commissioner DeAngelis said he wants to be sure the costs do not increase.

George Pendleton said the labor rates are the same.

Motion: A motion was made by Commissioner Dowty and seconded by Commissioner Hellauer to suspend the time of the contract until February 28, 2009 for manhole rehab work. All were in favor. Motion carried unanimously.

6. NEW BUSINESS

A. Bills Rendered

- 1. Maguire Group, Inc.....\$6,789.64

Motion: A motion was made by Commissioner Presutto and seconded by Commissioner Morse to approve payment to Maguire Group in the amount of \$6,789.64 for I/I and SSES through January 30, 2009. All were in favor. Motion carried unanimously. Monies to come from the Bond Referendum Account.

- 2. Maguire Group, Inc.....\$4,965.48

Motion: A motion was made by Commissioner Dognin and seconded by Commissioner Hellauer to approve payment to Maguire Group in the amount of \$4,965.48 for Consent Decree Compliance through January 30, 2009. All were in favor. Motion carried unanimously. Monies to come from the Sinking Fund.

- 3. Shelton Police Department.....\$979.28

Motion: A motion was made by Commissioner Dowty and seconded by Commissioner Morse to approve payment to the Shelton Police Department in the amount of \$979.28 for Canal Street - Gherlone Project through January 27, 2009. All were in favor. Motion carried unanimously. Monies to come from the Bond Referendum Account

- 4. Louis Gherlone Excavating.....\$22,149.19

Motion: A motion was made by Commissioner Hellauer and seconded by Commissioner Jager to approve payment to the Louis Gherlone Excavating in the amount of \$22,149.19 for West Canal/Howe Avenue - Gherlone Project through January 31, 2009. All were in favor. Motion carried unanimously. Monies to come from the Bond Referendum Account

5. Green Mountain Pipeline Services.....\$18,247.35

Motion: A motion was made by Commissioner Dognin and seconded by Commissioner Presutto to approve payment to Green Mountain Pipeline Services in the amount of \$18,247.35 for Sanitary Sewer Lining Project through January 05, 2009. All were in favor. Motion carried unanimously. Monies to come from the Bond Referendum Account

B. Sewer Administrator’s Report

Mr. Sym said he went over last year’s surplus and this year’s surplus with Sharon Scanlon in Finance and as of this date we had a surplus of \$530,000.

Mr. Sym feels we are in good shape.

Mr. Sym continued we are going to spend money on equipment at the plant.

Commissioner Morse said he asked Jeff Shortell to come up with five items.

Mr. Sym said we will increase their maintenance budget.

Mr. Sym asked “do we want to save the surplus money or use it on other things?”

Both Commissioner Morse and DeAngelis feel we need to save the surplus money.

Commissioner Morse continued that may be increase the \$75K a year into the Sinking Fund to say \$125K or some other number.

Commissioner Hellauer said that Capital Improvement come from the City; i.e., purchase of spare and key equipment. He agreed to try to save the surplus money.

7. FINANCIAL STATEMENT

The financial statement was reviewed.

Mr. Sym noted the released sewer assessments.

8. ADJOURNMENT

There being no further business to conduct this evening,

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

The meeting adjourned at 9:15 p.m.

Respectfully submitted,

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