

**WATER POLLUTION CONTROL AUTHORITY  
REGULAR MEETING  
MAY 11, 2016**

The Regular Meeting of the Water Pollution Control Authority was called to order by Commissioner at 7:00 P.M. in the Shelton City Hall, 54 Hill Street, Shelton, CT. 06484, on May 11, 2016.

The following Commissioners were present to constitute a quorum:

Commissioner Mike DeAngelis  
Commissioner Todd Dowty  
Commissioner Edwin Hellauer  
Commissioner Joseph Frolish  
Commissioner Donald Ramia

Also in attendance were:

Thomas Sym, Sewer Administrator  
Peter Pavone, Asst. Sewer Administrator  
Garritt Ogden- WPCP  
Matthew Jermine- Fuss & O'Neill

**1. THE PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance was recited by all.

**2. PUBLIC PARTICIPATION**

There were no members of the public wishing to address the Commission.

Add-on:

A motion was made Commissioner Frolish to add to the May 11, 2016 WPCA Regular Meeting Agenda:

Item 5C: Sullivan's Northwest Hills Invoice: Truck for WPCP

Seconded by Commissioner Hellauer. A voice vote was taken and motion passed.

**3. APPROVAL OF MINUTES OF REGULAR MEETING OF APRIL 13, 2016**

A motion was made by Commissioner Hellauer to approve the following meeting minutes:

Regular Meeting of April 13, 2016

Seconded by Commissioner Frolish. A voice vote was taken and motion passed with one abstention (Commissioner Dowty).

**4. COMMUNICATIONS**

**A. ASSISTANT TO WPCA REPORT**

Peter Pavone: The monthly FOG Status Report for the month of April, we had a total of inspections due: 28, and the number of inspections that were completed: 24. Also for the month of April, there were 0 failures. There were 15 indoor traps, 6 outdoor traps that were inspected, and 3 Program Variances (those are for people that do not have anything at their locations).

The locations that are still in the failure mode from the previous month will be revisited; they are Hunan Pan, Baingan, Long Hill and Elizabeth Shelton School and Subway on Howe Avenue. I think the two schools was due to a learning curve; they have a new Director of Facilities and he was writing up some procedures for the staff to follow. I think they will be okay when we will revisit.

As for Steve's presentation, the bad news on one of the graphs showed a big spike this month that was at Lower Route 8. Ed Deptula confirmed this morning that on the 1st and 15th of last month, not only did they had a lot of grease, but also they had a lot of sewage from a septic system that was included in the grease; somebody did a "pump and dump". We have reason to believe that person may have done it twice in the month. I am investigating a couple of things to see who got pumped in Shelton on the days before that, at that location. I might be able to have more information for next month, but this is the kind of thing that is very hard to detect unless we had cameras on every manhole, and cameras at every location.

In addition, the third handout still shows the overall trend line as a decline even with January 2011. Every now and then we get these spikes, and in this case Ed did confirm that it was domestic sewage that was pumped some place else and dumped it into the system. It is believed that happened; I will say it was debris not grease.

## **B. SUPERINTENDENT'S REPORT**

The average daily flow was 2.5 MGD; the peak flow for the month of April was 3.0 MGD.

Our effluent total nitrogen was 58 pounds per day; the limit was 106 pounds per day. We pumped out 78,000 gallons of sludge.

We now have had 59 months free from any accidents.

Our safety/training: Chemical safety plan.

Our chemical consumables were approximately the same; beginning the chlorination season.

The grease removal for Upper Route 8 was 90 pounds, Lower Route 8 was 250 pounds, River Road was 90 pounds, Ladas Place was 100 pounds and Meadowlark was 80 pounds, for the month of April.

\*Grease Removal from Lower Route 8 was higher than normal- half of the stated amount needed to get removed with a septic truck because it was around 200 bags.

Comparing April 2015, the total was 490 pounds, and in April 2016, the total amount of grease was 610 pounds.

We have had 0 complaints this month, making it a total of 44 months free of noise complaints.

We have had 0 odor complaints, which brings us to 35 months of no state odor complaints.

\* In Mid March 2016, the WPCP had an odor complaint from the bus company of an intermittent odor. In response, the WPCP adjusted the cycle time of the raw sludge holding tank aeration and commended with the scheduled replacement of the carbon in both air scrubbers. A subsequent follow up with the bus company has had a positive result, as stated on the Superintendent's Report.

The daily maintenance was basically the same. The corrective maintenance included installing new Ethernet switches in ICP (instrument control panel) 1,2,3, pull Beard Sawmill pump (awaiting parts), replaced batteries in all alarm dialers,

replaced batteries and block heater on Meadowlark generator and carbon swapout on all air scrubbers.

Hopefully around the end of the year we will begin work on the air diffusers for the SBRs.

The future work includes potable water line replacement, SCADA upgrade (ongoing), start rebuilding motive pumps 2 & 4, rebuilding #1 & #2 pump at Bridgeport Avenue station, and install new chlorine control system.

Chairman DeAngelis: What is the status on the potable water line replacement?

Tom Sym: I spoke to a contractor who said he would take a look at it. It is a matter of what type of bend this line has in it. He might have to dig it up and cut where the bend is. It did not go so well when this item went out for bid.

### C. BUDGET WORKSHEET

Commissioner Morse absent for report.

#### 5. OLD BUSINESS

##### A. FY 2016-2017 USER CHARGE

Chairman DeAngelis: The sewer user rate for the FY 2016-2017 will remain at \$198.

A motion was made by Commissioner Hellauer to set the sewer user rate at \$198.

Seconded by Commissioner Frolish. A voice vote was taken and motion passed.

##### B. FUSS & O'NEILL STATUS REPORT

Matt Jermine: For this month I came up with a draft list of what our tasks will be for next fiscal year. Based on the different ideas that we had, I put this list together; there are a lot of tasks that are going to be carried over from last year and the new tasks show up in the right most column (FY 16-17 Proposed).

WPCA Regular Monthly Meetings & Operations Support – The budgets stay the same for the monthly meetings and Operation Support; far below budget for those two items.

What I decided to do was to wrap up the other tasks into the heading of the WPCP Plant Improvement Project:

**SBR Fine Bubble Diffusers Design - \$38,000 FY 16-17 Proposed**

Add more turbo blowers to process (and get long lead time spare parts) – FY 15-16 Budgeted N/A; FY 16-17 Proposed \$12,000

Scum Removal System Design – FY 15-16 Budgeted \$14,800 ; FY 16-17 Proposed \$14,800

WPCP Potable Water Water Pipe Repair – FY 15-16 Budgeted \$5,400; FY 16-17 Proposed \$5,400 (not too sure if WPCP is going to need Fuss & O'Neil to take on that task?)

Repackage SBR Installation Repair – FY 15-16 Budgeted \$4,500; FY 16-17 \$3,500 (Item went out to bid; no one bid on it so Fuss & O'Neil will take the spec they wrote for the bid and incorporate it into the larger bid project for the plant work; not asking for additional monies so just carried over original budget number).

Repackage SBR Tank Wall Drains (SBRs #2 & #4) – FY 15-16 \$8,000; FY 16-17 Proposed \$2,000

Optimize Turbo Blower Process Control – FY 15-16 Budgeted \$22,000; FY 16-17 Proposed \$21,000

Design Resiliency Measures (F&O is going to look at to see if they could include item as a bid alternate, or if the cost is not that much to include in the project)

> Add redundant SBR valves – FY 15-16 Budgeted N/A; FY 16-17 Proposed \$2,000

> Replace SBR rubber flexible pipe couplings

- > Inspect SBR automatic valves
- > Repair SBR #2 concrete surface spalling

Seek Energy Efficiency Grants – FY 15-16 Budgeted N/A; FY 16-17 Proposed \$6,000  
Coordinate with DEEP – FY 15-16 Budgeted N/A; FY 16-17 Proposed \$4,000  
Bidding Services for WPCP Improvement Project – FY 15-16 Budgeted N/A; FY 16-17 Proposed \$16,000  
Pre-purchase of turbo blowers – FY 15-16 Budgeted N/A; FY 16-17 Proposed \$7,000  
Construction Administration – FY 15-16 Budgeted \$2,800; FY 16-17 Proposed \$65,000

#### River Road Evaluation

Subsurface Exploration – FY 15-16 Budgeted \$20,000; FY 16-17 Proposed \$20,000  
Review Force Main Connection Options – FY 15-16 \$13,800; FY 16-17 Proposed \$13,800  
Obtain Utility Mapping – FY 15-16 \$2,800; FY 16-17 Proposed \$2,800

#### Tasks to be Closed

Scum Removal: Bidding – FY 15-16 Budgeted \$5,200  
Scum Removal: Construction Admin FY 15-16 Budgeted \$7,000  
Energy Audit Follow-Up – FY 15-16 Budgeted \$8,200  
Plant Water Construction Admin – FY 15-16 Budgeted \$21,340  
Concept Plan of Pump Station & Force Main – FY 15-16 Budgeted \$7,400  
Follow-up WPCP Odor Monitoring – FY 15-16 Budgeted \$17,039

#### C. SULLIVAN'S NORTHWEST HILLS INVOICE: TRUCK FOR WPCP

Chairman DeAngelis: Tom, the correct amount is \$45,917.50, not the \$43,292.50?

Garritt Ogden: Correct, it is \$45,917.50 to be approved.

A motion was made by Commissioner Hellauer to approve the Sullivan's Northwest Hills Invoice: Truck for WPCP, in the amount of \$45,917.50.

Seconded by Commissioner Dowty. A voice vote was made and the motion passed.

Tom Sym: This amount should come out of the Sinking Fund.

#### 6. NEW BUSINESS

##### A. BILLS RENDERED

1. FUSS & O'NEILL  
\$8,977.04

A motion was made by Commissioner Dowty to pay Fuss & O'Neill \$8,977.04.

Seconded by Commissioner Ramia. A voice vote was taken and the motion passed.

##### B. RIVER ROAD SEWER EXTENSION – 722 RIVER ROAD

A mini-presentation was made by Mark Lancor, P.E., representing Dymar Engineers:

Mark Lancor: Rick Kral who is proposing and is working on a project at 722 River Road, Shelton, CT. We are in the process right now, from a business decision standpoint, at looking at various alternatives in terms of the sewer connection. One of his connections was to the City of Shelton system, with an estimate of roughly \$3 million. We have also looked at an on-site alternative; we want to proceed with the DEEP process for a discharge directed to the Housatonic River, for an onsite system.

As part of the protocol with the DEEP, we have to approach the City and to get a decision from the City in terms of moving forward with this connection; which as a connection it is well over \$1 million than the onsite alternative so from a business decision standpoint it is not an investment that my client is looking to make. However, with keeping that in mind what we would like to be able to do because this just cannot be done in a meeting such as this, is to see if we could have some type of meeting with the WPCA to discuss the options because in the end we have to deliver a report to the DEEP. Basically, it acknowledges whether if it is not a feasible connection, or there is some other alternative connection that we could work out with the City. From that standpoint we are looking to get a Planning & Zoning application in July, to be heard in September so it is very important and for that reason we would ask for the cooperation with the WPCA to work with us on an expeditious time schedule.

Chairman DeAngelis: When do you want to have the meeting?

Mark Lancor: As soon as you can put one together. The week after next I will not be available, but after that we can put something together.

Atty. Dominick Thomas: I am representing the applicant; I am doing the zoning on the Planned Development District. To suggest something to move it along because it is a similar procedure followed in Planning & Zoning, is it possible to have a quicker work session with the staff and the Chairman to have an initial discussion, and to then move onto a regular meeting with the board to sort these things out with the various issues?

Chairman DeAngelis: I will talk to Tom tomorrow and we can come up a couple of dates. How about May 18th?

Mark Lancor: That will work, thank you. We really appreciate the assistance.

#### C. SEWER ADMINISTRATOR'S REPORT

Tom Sym: The consent decree is closed; they have seemed pleased of what we have done. We are going to make a list of things that were not performed within the consent decree contract, why it was not done and send it in a letter to Corporation Counsel.

Other than that, I do not know where these other projects are going to end up. There was a public hearing last night on the Long Hill Avenue condos; I do not know if that got shut down or not. The other projects are still moving along with Hawk's Ridge and Perry Hill Road subdivision. The Mark is going to get certificates of occupancy; we are still waiting on the \$300,000 from them. They are going to pay it all at once when they receive the Cos for the first couple of buildings.

We had a crew doing some manhole rehab work; they worked on 30 manholes. They had leaks, some had root masses growing into them; they had to pull all of the roots out and put a sealant on all of the joints to lift the holes. A couple of the manholes had very bad leaks so they had to put grout in there and water plugs to stop all of the leaks. A couple of these manholes had no invert at all. We did not have a septic hauler, so these guys had to move this stuff out with buckets.

#### 8. ADJOURNMENT

A motion was made by Commissioner Hellauer to adjourn the May 11 Regular WPCA meeting at 7:40 P.M.

Seconded by Commissioner Dowty. All were in favor and motion passed.

Respectfully submitted,

*Brittany Gannon*

**Brittany Gannon, WPCA Clerk**