

WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
JULY 11, 2018

The Regular Meeting of the Water Pollution Control Authority was called to order by Commissioner DeAngelis at 7:00 p.m. in the Shelton City Hall, 54 Hill Street, Shelton, CT, 06484, on July 11, 2018.

The following Commissioners were present to constitute a quorum:

Commissioner G. Michael DeAngelis
Commissioner Stephen Morse
Commissioner Edwin Hellauer
Commissioner Stephen Chuckta
Commissioner Donald Ramia

Also in attendance were:

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

1 THE PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited by all.

2 PUBLIC PARTICIPATION

No one from the public wished to be heard.

3 APPROVAL OF MINUTES OF REGULAR MEETING OF MAY 9, 2018

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

Regular Meeting of May 9, 2018

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

3A APPROVAL OF MINUTES OF PUBLIC HEARING OF MAY 9, 2018

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

Public Hearing of May 9, 2018

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

4 COMMUNICATIONS

A ASSISTANT TO WPCA REPORT

WPCA Report made by Peter Pavone. In May, there were 34 inspections due and 40 completed, of which 35 passed and 5 failed. In June, there were 18 inspections due and 3 completed, of which 3 passed and 0 failed.

Test samples were taken at The Pub, Captain's Pizza and Wild Kanji. The Pub and Captain's passed, Wild Kanji failed. Wild Kanji was sent a letter that they need to hire someone to address their overproduction; they produced about 300, but only 100 is allowed. The motors at schools were not checked. Five Guys has fixed their issues. Stop Rite was applauded.

Peter has a list of all passes and fails since 2011.

The Pub has the only AGRU, just introduced to the American marketplace, in Shelton.

The total pump station grease removal for May is 470 lbs, and for June is 500 lbs. The trendline on the "Total Pump Station Grease Removal History" graph shows a trend increase to 60 lbs per day from December to today.

The large increase in grease removed from May to June, especially at Ladas Place, was noted; it was suggested that many people cooking with grills on Memorial Day contributed to this.

Il Palio was put on a two, instead of a three, month schedule. New trap installed at Plaza Diner, after three and a half months; it appeared to be good by a visual inspection, but a sample will, of course, need to be drawn.

Commissioner Ramia asked about Aruga. Peter says it is operational.

Commissioner DeAngelis requested that a motion be made to add item 6c to the agenda. Item 6c proposes a Nickerson change order, with no change in cost but a requested time extension.

A motion was made by Commissioner Ramia to add item 6c to the agenda.

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

B SUPERINTENDENT'S REPORT

Superintendent's Report for June 2018 was delivered by Ed Comboni.

The average daily flow was 2.1 MGD; the peak flow for was 2.4 MGD.

Our effluent total nitrogen was 263 pounds per day. The limit was 106 pounds per day. Monthly sludge trucked was 46+ dry tons.

We now have 85 months free from any accidents.

Our safety/training: Review Emergency Action Plan

Our chemical consumables were 40 gallons/month of polymer; 125 pounds/month of bacteria; 450 gallons/month of neutralize; 80 gallons/month of foam free; and 3256 gallons/month of NaOCL.

For the month of May, grease removal was: Upper Route 8, 90 lbs; Lower Route 8, 90 lbs; River Road, 110 lbs; Ladas Place, 100 lbs; and Meadowlark, 70 lbs. Total grease removal in May 2018 was 460 lbs. The total in May 2017 was 380 lbs, with a delta of 80 lbs.

For the month of June, grease removal was: Upper Route 8, 70 lbs; Lower Route 8, 110 lbs; River Road, 80 lbs; Ladas Place, 160 lbs; and Meadowlark, 80 lbs. Total grease removal in June 2018 was 500 lbs. The total in June 2017 was 320 lbs, with a delta of 180 lbs.

We had no noise complaints in May or June; we now have 70 months free from any noise complaints.

We had 1 state issued odor complaint at pump stations and the treatment plant this month, as well as some local complaints. Received good report by state when they inspected the odor. Commissioner DeAngelis brought up that the odor was caused by issues with the carbon filters, because of a delay on the part of the state. He said that, as an independent agency, we have the authority to override such issues. Also, a recent bug die off contributed to the odor. Tom brought up the contract we have concerning filters, which is currently for one year and costs us \$15,000; Tom suggested that next time, we enter into a three year contract. Previously, we had 59 months free of any such odor complaints.

Preventive maintenance: weekly SBR maintenance; lube bar screen; lube main pumps; lube grit collection system; lube plant water system; and lube rotary drum thickener.

Corrective maintenance: Replaced carbon media for odor control; rebuilt waste pump #3; repaired pump #2 at Beard Sawmill Station; repaired seal water connection at waste pump #3; and replaced bracket for SBR #1 D.O. probe.

Future work consists of keeping on top of all equipment and controls with daily checks, and repair anything as needed.

Overtime reported.

It was reported that it took an operator two days to pump out Ladas Place. Tom suggested calling Maybeck; doing so would be easier and more efficient.

There was discussion of purchasing nitrogen credits, and a plant recovering from use of chemicals for insect extermination.

C BUDGET WORKSHEET

By Commissioner Morse.

We are above our budget on overtime, because of construction.

City cleanup was discussed.

D STRATFORD FLOW INFORMATION

Discussed Stratford meeting minutes, concerning flow into Stratford.

Commissioner DeAngelis reported that they are acknowledging 300,000 gpd average daily flow, and suggested that we negotiate them up to 350,000.

Tom requested to see the flow metering information. Commissioner DeAngelis contacted the Chairman of the Stratford WPCA, who said they metered it, and will give us this measurement. Meter readings are taken daily. The measure recently given is that the city of Shelton currently discharges an average of 165,500 gpd; we will find out exactly how current this measure is. There was a discussion of how this would effect Pine Rock Park lots.

Commissioner DeAngelis and Tom have held, and will continue to hold, meetings with members of Planning and Zoning to discuss the foreseen development of the sewershed area.

It is estimated that 50,000 gallons will come from the sewershed area, bringing our flow to 215,000 gpd. There is concern of large development leading us to exceed the limit; P&Z must put foot down to prevent growth beyond the maximum flow allowed.

Commissioner DeAngelis will set up a special meeting to determine numbers related to the flow. Commissioner Morse brought forward the need to account for three properties. Whether the next move must be made by the WPCA or by P&Z was discussed. We need to know from P&Z

if effected properties can be developed. The amount of flow must include the estimated 5000 per day from the development on River Road, near the Sports Center.

5 OLD BUSINESS

A FUSS & O'NEILL STATUS REPORT

The Fuss & O'Neill Status Report was delivered by Matthew Jermaine.

Matthew reviewed work on band screens, structural aluminum installations, SBR 4, SBR 3, turbo blowers, the scum system and plant water system modifications.

We have been given a chance to receive a UI grant, but we cannot receive it until the the blower has cleaned the sludge tank; Matthew reviewed the process of sludge removal, and Garritt described the draining that must precede sludge removal and aeration. The aeration will cause an odor, and the odor will likely cause complaints, as happened recently, and as reviewed in item 4b of these minutes.. Ways to minimize the odor complaints would be to use the turbo blower after midnight, although, depending on the weather, the smell may persist into hours of greater outdoor activity; or we can perform the aeration in the winter, when less people are outside and less windows are open, and when there are less projects run, and so less would need to be shut down. However, if we wait until winter, the UI grant money may no longer be available. Matthew will meet with Mayor Lauretti, to decide when to aerate. Commissioner DeAngelis will call Virgil Lloyd of Fuss & O'Neill, to whom Matthew has spoken.

We reviewed the monthly budget, in which Fuss & O'Neill asks for less than last year. It was noted that the budget should read "FY 18-19 Authorizations," not "FY 17-18 Authorizations." The budgeted amount for Pine Rock Sewershed Technical Assistance allows room for potential costs concerning future flow to Stratford. Commissioner Morse questioned if the budget for Capacity Analysis at 3 Pump Stations was sufficient. It was determined that, for reasons including that River Road's pump station requires no cost currently and that Shelter Ridge will not be a monetary factor in the near future, this amount is not only sufficient but may not be needed at all. Commissioner Morse proposed that we zero out the money amount and leave it on the budget at \$0; others preferred to include the money in the budget as it stands, so that it is available in the future. Also, Commissioner DeAngelis reported that Jim Swift stated that Shelter Ridge will not be a concern of the WPCA for at least three to four months.

A motion was made by Commissioner Steve Morse to approve the \$219,900 Fuss & O'Neill Task Authorization for the fiscal year of 2018-2019.

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

6 NEW BUSINESS

A BILLS RENDERED

1. FUSS & O'NEILL: \$16,596.00

A motion was made by Commissioner Hellauer to pay Fuss & O'Neill \$16,596.00.

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

2. FUSS & O'NEILL: \$13,657.23

A motion was made by Commissioner Ramia to pay Fuss & O'Neill \$13,657.23.

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

3. FUSS & O'NEILL: \$23,217.18

A motion was made by Commissioner Ramia to pay Fuss & O'Neill \$23,217.18.

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

4. C.H. NICKERSON: \$509,086.95

It was confirmed that we have equipment. Commissioner DeAngelis confirmed from Matthew that we have affidavits for stored materials, and that we will secure them in the future.

A motion was made by Commissioner Ramia to pay C.H. Nickerson \$509,086.95.

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

B SEWER ADMINISTRATOR'S REPORT

No Sewer Administrator's Report was made.

C NICKERSON CHANGE ORDER

This is a zero money change order, with savings evening costs; the request is for a time extension. Matthew said this was asked for last fall, when they had a delayed start. They may not use the extra 120 days, which was the length of time they were delayed, but would like to secure this time cushion now rather than near the end of their initial end date. Also, change order includes field directives. Also, we spoke of current progress on certain projects.

There was discussion about OSHA inspection on the city's buildings and projects.

A motion was made by Commissioner Morse to accept the Nickerson change order, \$0.

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

7 FINANCIAL STATEMENT

Financial Statement was made by Tom Sym.

We had \$746,565 from last year; after expenses, we have roughly \$200,000 left. Tom requested an estimate of future Nickerson costs. If needed, the Aldermen have voted to loan us as much as \$1.1 million, and the UI grant could supply as much as \$420,000-\$450,000.

8 ADJOURNMENT

A motion made by Commissioner Morse to adjourn the July 11, 2018 Regular WPCA meeting at 8:00pm.

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

Respectfully submitted,

Adam Cleri, WPCA Clerk