

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
August 14, 2019**

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, Rm #305, 54 Hill Street, Shelton, CT, 06484, on August 14, 2019.

The following Commissioners were present to constitute a quorum:

Commissioner G. Michael DeAngelis
Commissioner Edwin Hellauer
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

Excused:

Commissioner Stephen Morse
Commissioner Stephen Chuckta

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

A motion was made by Commissioner Ramia to approve the following meeting minutes: Regular Meeting of June 12, 2019.

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

A motion was made by Commissioner Ramia to add to the agenda as 5B the transfer of funds from sludge dumping and sewer maintenance for the Nitrogen Credit account.

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

4.) COMMUNICATIONS

A ASSISTANT TO WPCA REPORT

WPCA Monthly FOG Status Report prepared by Peter Pavone was distributed to the members.

For June 2019, 14 monthly inspections were due and 3 were completed, of which 3 passed and 0 failed. For July 2019, 14 monthly inspections were due and 10 were completed, of which 7 passed and 3 failed. (Plaza Diner, The Original A1 Pizza and Zinfandeli's)

There was one establishment added – Tino's Pizza and one deletion – Howe Ave Pizza and Gyro.

There was no Average Monthly Nitrogen Balance Sheet submitted.

B SUPERINTENDENT'S REPORT

Superintendent's Report for July 2019 was delivered by Ed Comboni. The average daily flow was 2.3 MGD; the peak flow for was 2.9 MGD

Our effluent total nitrogen was 75 pounds per day. The limit was 106 pounds per day. Monthly sludge trucked was 7 dry tons.

Under safety, there were no lost time accidents or First Aid cases.

Our safety/training: Proper lifting procedures

Our chemical consumables were 75 gallons/month of polymer; 160 pounds/month of bacteria; 50 gallons/month of neutralize; 75 gallons/month of foam free; and 2538 gallons/month of NaOCL.

We now have 83 months free from any noise complaints.

We now have 13 months free from odor complaints at the pump stations and the treatment plant.

Grease removal: Upper Route 8, 120 lbs; Lower Route 8, 80 lbs; River Road, 100 lbs; Ladas Place, 80 lbs; and Meadowlark, 90 lbs. Total grease removal was 470 lbs. The total in July 2018 was 540 lbs, with a delta of minus 70 lbs.

Preventive maintenance: Weekly SBR maintenance; lube bar screen/band screen and clean filters; lube main pumps; lube Grit Collection System; lube plant water system; and lube rotary drum thickener.

Corrective Maintenance: Serviced all generators, replaced belts on the grit pump, pulled apart sprayers on band screens and cleaned, replaced pump casing on 24 hr sampler and calibrated all sensors, level indicators and flow meters.

2019 SBR Work Schedule: Currently installing air diffusers in SBR#2 and will be putting it back on line shortly.

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

Overtime Management report was reviewed. Reasons cited as scheduled, with an alarm on July 25, 2019 at 1 am.

C BUDGET WORKSHEET

Received worksheet. Reviewed briefly. As this is the start of fiscal year 2020 there was nothing outstanding to be discussed.

5.) OLD BUSINESS

A FUSS & O'NEILL STATUS REPORT

Mr. Jermine was present this evening. He reviewed the improvements that are being overseen by him. He noted that the monitoring meters revealed run-off possibly coming from Center Street. The batteries in the meters will be replaced and the meters will be relocated to observe water flow intensity during high water flow events.

WPCP Process Improvements were reviewed.

a.) Fine Bubble Aeration - SBRs #1, #3 and #4 are upgraded and online. #2 will be put on line in the next 5 days.

b.) Scum skimmers - #1, #3 and #4 startup is complete. #2 was delayed due to a stuck valve and will be online by August 27th.

c.) Turbo Blowers - #1, #2, #4, #5 and #A5 have been operating without faults. Blower core #3 is being rebuilt at no cost; the spare core is installed in its place. Neuros had lubricated the unit but at room temperature the lubricant caused problems. With the long lasting issues with the equipment and with the issues only recently seeming to be resolved, an extension of the warranty will be sought.

d.) Band screen – strainer baskets were replaced under warranty. Water hammer arrestors have been installed and are awaiting pipe insulation for the arrestors.

e.) SCADA – adjustments have been made to the programming.

f.) Notice of substantial completion to be issued in the next two weeks. CH Nickerson will likely request a reduction in retainage. Members indicated that the percentage on the blowers should not be reduced until the warranty is finalized.

Punch list items:

1. Trim rings around washer/compactor drain pipes through grating
2. Reseed some bare spots in grass
3. SBR#1 scum trough operator grout pad to be grinded flush and eliminate trip hazard
4. Pipe insulation for water hammer arrestors
5. Startup of scum skimmer system #2
6. Label auxiliary blower circuit breakers

Continuing with his report, Mr. Jermine indicated that he continues to pursue UI for grant funding. The request is currently under review.

There will be meetings with Fuss & O'Neill to review the scope of work for the upcoming year and the needs will be prioritized. At this time the Authority anticipates coverage on an on call basis. One project to be considered is replacing signal wiring as the PVC jacketing is cracking resulting in shorting in said wiring. Also, the cost will be determined for connecting the scum pit equipment to SCADA. The Authority Chair will meet with Fuss & O'Neill to finalize the scope of work for FY 19-20.

B NITROGEN CREDIT TRANSFER OF FUNDS (added)

A motion was made by Commissioner Ramia to transfer \$112,542.00 from the Sludge Dumping account and \$44,794.00 from the Sewer Maintenance account for a total of \$157,336.00 to the Nitrogen Credit account (2018-2019 Fiscal Year) to pay the 2018-2019 Nitrogen bill from DEEP.

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

6.) NEW BUSINESS

A. BILLS RENDERED

1.) C.H. NICKERSON

A motion was made by Commissioner Hellauer to pay C.H. Nickerson \$73,506.25 for application #15 for period 6/1/19 to 7/31/19.

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

2.) C.H. NICKERSON

A motion was made by Commissioner Ramia to pay C.H. Nickerson \$31,833.42 for Change order 2 for period 11/19/18 to 7/31/19.

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

3.) FUSS & O'NEILL

A motion was made by Commissioner Ramia to pay Fuss & O'Neill \$6,911.74 for invoice no: 0214287 dated August 5, 2019 for professional services through July 27, 2019.

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

B SEWER ADMINISTRATOR'S REPORT

Reported by Tom Sym.

Mr. Sym reviewed anticipated summer work. Yearly there are cleanings and TVing of lines and there will be attention to Riverview Drive.

7.) FINANCIAL STATEMENT

The statement was reviewed briefly.

8.) ADJOURNMENT

A motion was made by Commissioner Hellauer to adjourn the August 14, 2019 Regular WPCA meeting at 7:55 pm. and seconded by Commissioner Ramia. A voice vote was taken and the motion passed unanimously.

Respectfully submitted
Karen Kemmesies