

**WATER POLLUTION CONTROL AUTHORITY  
REGULAR MEETING  
November 13, 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 November 13, 2019.

The following Commissioners were present to constitute a quorum:

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

Also in attendance were:

Ernest Hutchinson IV, Sewer Administrator  
Peter Pavone, Asst. Sewer Administrator  
Ed Comboni, WPCP  
Garritt Ogden, WPCP  
Matthew Jermine, Fuss & O'Neill

*Stephanie D. Pappas*  
2019 DEC - 8 P 3: 26  
CITY OF SHELTON  
TOWN CLERK

**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 October 9, 2019.**

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

**4.) COMMUNICATIONS**

**A. ASSISTANT TO WPCA REPORT**

Mr. Pavone presented his report for August/September/October 2019.

For August 2019, 2 monthly inspections were due and 1 was completed, which passed.

For September 2019, 38 monthly inspections were due and 8 were completed, of which 8 passed and 0 failed.

For October 2019, 20 monthly inspections were due and 23 were completed, of which 23 passed and 0 failed.

There were five establishments added – Common Grounds, Fire Pizza Engine Co., Breeze Latin Fusion Cuisine, Taco Co and Pranzolli and one deletion – Barra

Mr. Pavone noted that there are a number of establishments with outstanding matters that continue to be monitored. Letters are sent to the establishments. In some instances, increasing pump frequency effectively corrects the issue. Some will require further remedies.

The Average Monthly Nitrogen Balance Sheet through 10/31/19 showed 108 lbs/day average with the limit per day for the year being 106. The trend has shown that the monthly figure has been below the limit each month since July and it is anticipated that by the end of the year the average will reflect positively on the City. October had an average of 45, the lowest number ever.

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

#### B SUPERINTENDENT'S REPORT

Superintendent's Report for October 2019 was delivered by Ed Comboni.

The average daily flow was 2.1 MGD; the peak flow for was 305 MGD

Our effluent total nitrogen was 45 pounds per day. The limit is 106 pounds per day. Monthly sludge trucked was 18.2 dry tons.

Under safety, there were no lost time accidents or First Aid cases. This is the tenth month they are incident free.

Our safety/training: Small Equipment Safety

Our chemical consumables were 100 gallons/month of polymer; 170 pounds/month of bacteria; 40 gallons/month of neutralize; 50 gallons/month of foam free; and 0 gallons/month of NaOCL.

We now have 86 months free from any noise complaints.

We now have 16 months free from odor complaints at the pump stations and the treatment plant.

Grease removal: Upper Route 8, 150 lbs; Lower Route 8, 120 lbs; River Road, 90 lbs; Ladas Place, 70 lbs; and Meadowlark, 80 lbs. Total grease removal was 510 lbs. The total in October 2018 was 500 lbs, with a delta of 10 lbs above last year.

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: Winterized disinfection system, removed main pump motor #2 and rebuilt; installed remote switches on all SBR's for scum pumps; had radiator at Meadowlark removed, repaired and re-installed.

2019 SBR Work Schedule: All 4 SBR's are currently on line.

Future Work: Install #2 main pump motor, replace rooftop air unit with severe atmosphere coated unit.

Keeping on top of all equipment and controls with daily checks, and repairs to anything as needed.

Overtime Management report was reviewed. Reason cited as scheduled.

C. BUDGET WORKSHEET

Mr. Hutchinson is continuing to review and familiarize himself with the financials. He will be communicating with the Accounting Department to verify the reporting is current. It does not appear that the nitrogen payment made earlier this year is reflected in the numbers. Mr. Hutchinson will research and clarify for the members.

**5.) OLD BUSINESS**

A. FUSS & O'NEILL STATUS REPORT

Mr. Jermine presented his report.

Documents for the UI grant have been filed and are now awaiting the disbursement of funds.

B. APPLICATION – RIVER BREEZE, 223 CANAL ST.



**FUSS & O'NEILL**

SEWER CONNECTION APPLICATION REVIEW

To: City of Shelton, Water Pollution Control Authority (WPCA)

From: Matthew Jermine, PE

Application # 20-102	Applicant Name 223 Canal Group, LLC	Non Industrial ADF 7,980 CPD
Date November 12, 2019	Project Name River Breeze Commons	Industrial ADF 0 GPD
Sewershed # 8	Project Address 223 Canal Street	Peak Hour Flow Rate 31 GPM

The City of Shelton Water Pollution Control Authority (WPCA) requested review of a sewer connection application proposed at the October 9<sup>th</sup>, 2019 commission meeting. Fuss & O'Neill has reviewed the following:

- Flows coming from the proposed development.
- Shelton's 'Sewershed-Specific Future Flow Allocations tables.
- Relevant rules and design guidelines as they apply to connections from the main sewer to the buildings.
- Sewer connection layout on the drawing(s) submitted by the applicant.

## Recommendations

After completion of the proposed application and analysis of conceptual development plans provided by the applicant, Fuss & O'Neill recommends the following additional items:

1. When abandoning old sewer lateral, plug existing opening entering sanitary manhole (TF=26.89 & INV=10.88) with non-shrink grout.
2. Prior to demolishing the 1 story metal building, CCTV the sanitary pipe from the rear cleanout. If the rear building sanitary clean out directly connects to public sewers on Canal Street, disconnect and cap at the location it ties into the public sewers.
3. Inside drop at the existing sanitary manhole for the new service connection shall be fabricated with PVC pipe and stainless steel hardware/fasteners.
4. Follow the directives of the City of Shelton's Sewer Department designated representative/agent during construction.

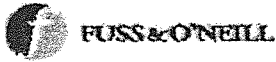
The applicant, Joe Pereira of Pereira Engineering LLC was present. He indicated that the building is already demolished. During the building process special attention will be made to seek out the previous connections mentioned in the review.

Projects such as this and others in the downtown district can have significant effects on the sewershed zone. Members discussed possibly reviewing and revising the application form. Further, it would be helpful to interact with all the City's land use boards, most specifically the Planning and Zoning Commission so as to be able to assess the capacity of the overall sewer system.

**A motion was made by Commissioner Hellauer to accept the application for River Breeze Commons application 20-102 subject to the recommendations of Fuss & O'Neill dated November 12, 2019 with recommendations 1 and 2 sufficiently documented and subject to inspections to be performed by Mr. Jermine and Mr. Hutchinson during the construction.**

**Seconded by Commissioner Ramia. A voice vote was taken and the motion passed with Commissioner DeAngelis opposed.**

C. APPLICATION – CEDAR VILLAGE DEVELOPMENT LLC 320 HOWE AVE - REVISION.



SEWER CONNECTION APPLICATION REVIEW

To: City of Shelton, Water Pollution Control Authority (WPCA)

From: Matthew Jermine, PE

Application # 20-101	Applicant Name Cedar Village Development LLC	Non Industrial ADF 5,256
Date October 9, 2019	Project Name Cedar Village Development	Industrial ADF 0 GPD
Sewershed # 8	Project Address 320 Howe Ave	Peak Hour Flow Rate 29,434 GPD

Recommendations

After completion of the proposed application and analysis of conceptual development plans provided by the applicant, Fuss & O'Neill recommends the following additional items:

1. Verify the condition of the existing service connection and reuse (preferred action):
  - a. If the pipe is in poor condition OR if it is not an 8-inch diameter ductile iron or PVC pipe; remove and replace the old service connection in its entirety along its current alignment below sidewalk.
  - b. Reconnect adjacent building service connections as needed.
  - c. Replace the existing cleanout with a valve box cover with the word "SEWER" cast into the lid. Cover must be suitable for embedment in the pedestrian sidewalk.
2. Only if a new sanitary sewer pipe in Howe Avenue is constructed (not the preferred action):
  - a. Provide a permanently installed perforated HDPE underdrain pipe from upstream of the new doghouse manhole on Cornell Street to the adjacent catch basin (with T.F. = 42.99) to divert groundwater flowing downhill in the Cornell Street existing sewer pipe trench.
3. Follow the directives of the City of Shelton's Sewer Department designated representative/agent during construction.

Introduction

The City of Shelton Water Pollution Control Authority (WPCA) requested review of a sewer connection application proposed at the September 11<sup>th</sup>, 2019 WPCA meeting.

The proposed development construct multiple residential units and some retail space at the site of the former Carroll's Home Improvement Center located at the intersection of Howe Ave and Hill St. See Figure I. The proposed site plan for further details in Appendix C.

Mr. James Swift was present this evening. He explained that after the last meeting he reviewed the design and determined that the proposed commercial function of the development could be connected to the existing line. There is to be six commercial spaces that will be retail, no restaurant or food services use. The line was inspected by

camera and it is a six-inch pipe. The apartments section connection will be established with a new line on Hill Street.

Mr. Jermine indicated that the proposed separation into two lines would resolve any capacity concerns with the existing lateral connection.

**A motion was made by Commissioner Hellauer to accept the change in connection for Cedar Village Development LLC, as presented.**

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

## **6.) NEW BUSINESS**

### **A. APPLICATION – 502 Howe Ave**

Joseph Pereira of Pereira Engineering, LLC. was present to answer any questions. The plan is for demolition of the existing structure and constructing a five-story building. There will be 52 one-bedroom and 4 two-bedroom apartments in the upper four stories. The main street level floor will be commercial use. This is the existing Webster Bank building site.

Without objection the application was continued until next month and referred to Fuss & O'Neill for review.

### **B. APPLICATION – 427 HOWE AVE, BRIDGE STREET COMMONS II**

Applicant Angelo Melisi and James Swift C.E. were present to answer any questions. The plan is for demolition of the existing structure and constructing a new 67,960 sq. ft. building with 72 three-bedroom apartments in the upper stories. The main street level floor will be commercial use. This is the existing Dunkin Donuts building site. The existing lateral connection will be increased from a 4" pipe to an 8" pipe.

Without objection the application was continued until next month and referred to Fuss & O'Neill for review.

### **C. UI GRANT ENERGY INCENTIVE PROGRAM**

Mr. Jermine is overseeing the process.

### **D. BILLS RENDERED**

**A motion was made by Commissioner Morse add agenda item 6D 3 – Invoice for Diversified Infrastructure Services Inc. in the amount of \$76,600.60.**

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

1.) C.H. Nickerson & Co., Inc.

**A motion was made by Commissioner Ramia to pay C.H. Nickerson & Co., Inc. \$212,906.25 for Application No 16 dated October 25, 2019.**

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

2.) Fuss & O'Neill – no invoices were presented.

3.) Diversified Infrastructure Services Inc.

This invoice is for On-Call television inspection and cleaning services of sanitary sewer pipelines under contract 38-78 for billing period of 6/20/19 to 9/16/19. As the services were performed in this fiscal year as well as the previous fiscal year it was determined that \$42,262.82 be charged to fiscal year 2018-2019 and \$34,337.78 be charged to fiscal year 2019-2020. Members waived the 5% retainage charge.

**A motion was made by Commissioner Morse to pay Diversified Infrastructure Services Inc. in the amount of \$76,600.60 from line item 220-4000-715.65-07 Sewer Maintenance with \$42,262.82 be charged to fiscal year 2018-2019 and \$34,337.78 be charged to fiscal year 2019-2020.**

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

#### E. SEWER ADMINISTRATOR'S REPORT

NOVEMBER 13, 2019  
WPCA COMMISSION MEETING

Currently:

- A purchase order for Dukes Root Control has been obtained and work has been scheduled.
- A purchase order for Diversified Infrastructure Services (DIS) is in hand and manhole work has been scheduled.
- DIS is also scheduled for cleaning-clearing of the pipes being treated by Dukes R C.
- Prime Electric was notified to raise-replace manhole frames and tops in areas TBD
- Rendered in October Financials were four single residence sewer connection fees obtained and deposited into the Sinking Fund (220-0000-486.04-00) leaving us presently at +95k.
- UI reimbursement check barring no glitches is six weeks or so away.
- At this time our department is projecting a surplus for the 2018-2019 fiscal year which will be added to our Sinking Fund.
- Three sewer line repairs were witnessed/inspected.
- Fog Permit renewals are presently scheduled for these coming months.

Members discussed the current FOG fee. Mr. Pavone indicated that the billing for the FOG fee is being prepared and will be going out shortly. The billing is for a two-year period. All agreed that an increase would be appropriate at this time.

**A motion was made by Commissioner Morse to increase the initial FOG fee from \$100 to \$200 and to increase the bi-annual fee from \$50 to \$100.**

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

**7.) FINANCIAL STATEMENT**

The statement was distributed.

**8.) ADJOURNMENT**

**A motion was made by Commissioner Hellauer to adjourn the November 13, 2019 Regular WPCA meeting at 8:30 pm. and seconded by Commissioner Chuckta. A voice vote was taken and the motion passed unanimously.**

Respectfully submitted  
Karen Kemmesies