

**LITCHFIELD WATER POLLUTION CONTROL AUTHORITY  
REGULAR MEETING  
29 Stoddard Road, Bantam, CT  
November 8, 2018 ~ 7:30 p.m.**

**CALL TO ORDER:** Chairman David R. Wilson called the meeting to order at 7:33 p.m.

**ROLL CALL**

Present: James Koser, William Buckley, Christian Bratina, David Geiger, David R. Wilson, Ted Donoghue, Plant Superintendent, Raz Alexe, Public Works Director, and Ann Combs, Recording Secretary

Absent: None

**SEATING ALTERNATES:** David Geiger was seated as a regular member.

**MINUTES**

**a) 10/11/18 Regular Meeting: Motion:** D. Geiger moved to approve the 10/11/18 minutes that have been filed with the Town Clerk. W. Buckley seconded, all voted aye and the motion carried.

**BUSINESS**

**1. Public Requests:** Harry Colvocorresses, explained that he owns a house at 339 South St. that is unoccupied and for sale. His neighbor Catherine Jecture of 351 South St. complained of sewage coming from his lateral which wyes into the lateral on her property. A dye test was performed last year and confirmed the broken lateral from 339 South St. Torrington Area Health ordered that Mr. Colvocorresses needed to fix the issue or no one could occupy the house. Since that time the issue has not been fixed and the house has been unoccupied. He said he would like to get a waiver of the usage fee since the sewer is unusable. He stated that he would have to sue his neighbor to be able to fix the issue on her property, since he has never been on good terms with Ms. Jecture. His lateral crosses onto the property at 351 South St. and there is no easement on file, but a prescriptive easement may exist. To get the fees removed, he would have to disconnect and cap it per D. Wilson. The WPCA would issue an order for him to pay for repair of the lateral to the j-box in the neighbor's yard. **Motion:** W. Buckley moved to deny the request to abate the fee and direct the owner to fix the building lateral. D. Geiger seconded, all voted aye and the motion carried.

**2. DPC Engineering Recommendations:** D. Wilson and Ted met with DPC and said we'd like to spend \$50,000/yr. to attack I&I a little at a time. The rep had the following items on the list for recommendation: GIS locating of manholes, additional flow testing (4 meters for four weeks), entering assets into data base (manholes, pipe sizes, inverts), pipe sonar testing, manhole inspection, and CCTV inspection. Ted said the flow monitoring is critical to determine where the highest flows are occurring.. Raz said high resolution GPS can be rented to gather manhole locations. Ted said the other option is to work in tandem with DPC, which is more expensive. C. Bratina said we need someone knowledgeable to enter data. D. Wilson proposed authorizing Ted to go ahead with the flow study and getting someone to do the data entry. **Motion:** W. Buckley moved to authorize the hiring of DPC to do flow testing under Ted's direction. D. Geiger seconded. D. Wilson said to camera the parts we didn't check last year. On the question on buying a camera, Raz said he would put \$10,000 in capital requests for his half of the camera and WPCA could pay the other half. Upon voting all voted aye except C. Bratina, who voted nay. The motion carried 3-1. **Motion:** W. Buckley moved to appropriate from the sewer fund one-half the cost of a push camera to camera the sewer lines at a cost of up to \$10,000, with the other half funded by DPW. J. Koser seconded, all voted aye and the motion carried.

### 3. Plant Equipment Decisions

a) **Plant Water System:** Ted said C. Bratina read the O&M manual and analyzed work to be done without buying a new system. Fran Delaney from West State Mechanical said it would cost the same to do our own system or to buy a new one. We're looking at putting together our own system with downsizing the pumps.

b) **Nitrate Return Pumps:** Ted got quotes and said the Flight Nitrate Return Pumps are the best value at a total price of \$16,000 for two mixers. **Motion:** W. Buckley moved to authorize the purchase of two pumps, at not to exceed \$20,000, with specifications to be determined by the Superintendent. C. Bratina seconded, all voted aye and the motion carried.

4. **LED Lighting Proposal:** To qualify for Eversource's rebate program, we decided to replace lighting with LED lights. Earthlight visited the plant and sent a proposal for \$10,476 with potential incentive of \$2,300, for a net cost of \$8,168. W. Buckley asked how much we save a year if we're spending \$8,300/yr. Payback is 7.32 years. Raz said they replaced fixtures and replaced bulbs at Public Works. It was about half new fixtures and half retrofit. **Motion:** W. Buckley moved to go ahead with this program with Earthlight. J. Koser seconded, all voted aye and the motion carried.

5. **Safety:** No report

6. **Commissioner's Requests:** None

### 7. Public Works / Treatment Plant Report

a) **Easements:** No report

#### b) Operational

Ted reported permit compliance has been maintained, and routine operations and maintenance work continues. The average daily flow for October was 694,000 gallons, and the total flow was 21.501 MG. They removed 58,800 gallons of sludge, and saved about \$6,000 over last year. They are going back to the old polymer, as the new one did not work out as advertised. BOD removal was 99% and TSS was 99%. The average total nitrogen lbs./day was 6.0 mg/L, or 36 lbs./day. The daily average total phosphorous discharged into the Bantam River was 1.9 mg/L or 11.8 lbs./day.

Incidents acted on include:

- They did the Chronic and Modified Acute Toxicity Test, and the results were excellent.
- Smoke testing was done with DPC Engineering. Four issues were found and letters have been sent to residents.
- The Cummins Generator did load bank testing and coolant charges on both the generator here and in Northfield. This had not been done in ten years or longer.
- There was a brief power outage where the RAS pumps and aeration blowers did not come back on. They needed to reset RTU1 to bring everything back on line. There was a brief outage in Northfield in the afternoon. Ted called NIC to come and check the panel. He will buy software to monitor and operate the equipment. C. Bratina warned about liability for viruses.
- On 10/18/18 they installed a new 4210 ISCO flow meter at Hart Drive.

c) **Septic:** They processed 150,750 gallons of septage in October, an 18% increase over last October. Ted is very happy with this, saying it's the best month yet since he's been here. Year to date is a 24% increase over last year.

**d) Equipment:** C. Bratina spent time with Ray Drew at the Torrington treatment plant walking through and listing items we could acquire from them for free as they prepare for their upgrade.

**e) Collection System:** No report

**8. Financial Report:** Ted said he has been spending but things are going well for the first third of the year. There have been no major repairs.

**9. Adjournment: Motion:** W. Buckley moved to adjourn at 8:59 p.m. and J. Koser seconded. All voted aye and the motion carried.

A handwritten signature in cursive script that reads "Ann D. Combs".

Ann D. Combs, Recording Secretary