

**LITCHFIELD WATER POLLUTION CONTROL AUTHORITY  
REGULAR MEETING  
29 Stoddard Road, Bantam, CT  
September 12, 2019 ~ 7:30 p.m.**

**CALL TO ORDER:** David R. Wilson called the meeting to order at 7:30 p.m.

**ROLL CALL**

**Present:** James Koser, David R. Wilson, David Geiger, Ted Donoghue, Plant Superintendent, and Ann Combs, Recording Secretary

**Absent:** Christian Bratina, William Buckley, Raz Alexe, Public Works Director

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

**MINUTES**

- a) **5/9/19 Regular Meeting:** Approval was delayed until the next meeting.
- b) **6/13/19 Regular Meeting:** Approval was delayed until the next meeting.
- c) **7/11/19 Regular Meeting: Motion:** D. Geiger moved to approve the 7/11/19 minutes and J. Koser seconded. All voted aye and the motion carried.
- d) **8/8/19 Regular Meeting:** Approval was delayed until the next meeting.

**BUSINESS**

**1. Public Requests:** Three Torrington residents were present to observe the workings of the Litchfield WPCA. D. Wilson explained the history of the past plant upgrade and how Litchfield is connected, how we are billed and a brief history of the previous inter-municipal agreements with the Torrington WPCA. We finished paying for the plant previous upgrade several years ago and we now just pay for total gallons that enter their collection system. We paid \$8,630 for our FY 19 usage. The new initial proposal could potential more than double that amount to \$18,000. This does not include the new assessment payment that will be associated with their current plant upgrade. Mike Banzurik, one of the visitors, spoke about the original Torrington Inter-Municipal Agreement in 1984.

**112 Circle Drive – Tom Zukowski:** Mr. Zukowski said he was charged two EDU's but only has a single family house. He was told to email Sandy about it. The Assessor explained it was originally a duplex, but they confirmed that it is a single family dwelling so Sandy can amend the billing to one EDU.

**65 Hickory Hill Dr. – Charles Smith:** Mr. Smith said they are no longer using the nursery school side of the house, so he wants to be charged only one EDU. He was told that if he takes out the kitchen, it will be one EDU.

**2. Discussion with Woodridge Lake Sewer District:** WLSD has a source of funding from the USDA, but USDA rural development said they can't fund them if they go to Torrington. The bids on the project came in way over the estimates to connect their system to the Torrington WPCA system.. They came to us in July to discuss the situation and are currently paying for an engineering feasibility study on possibly connecting to the Litchfield treatment plant. Their flow data shows high seasonal flows and rain events that do contribute to high flow surges into their collection system. They have worked to removed some I&I, but we don't know if we have enough plant capacity to accommodate them, without doing some major work on our own collection system to remove I & I. WLSD would like to pay DPC to do 12 weeks of flow metering of our 21 inch interceptor from Constitution Way to the treatment plant. Ted is compiling flow data from 2011-2019, and will give copies of the treatment plant as-built and portions of the 1994 flow

study. It was agreed we are not going to increase the capacity of the plant and feel their flows could push us over design capacity. We know our daily average and how they measure up against our peak seasonal flows and design flow. If we did do a study with them, utilizing USDA funding, their grant amount is 45%. One benefit of doing this work with WLS D is to get valuable data on our own collection system and treatment plant. We would get certain questions answered and get copies of all data collected and their findings if they did the study. Ted welcomes the study as it will help us and we don't have to pay for this work. Along with the flow monitoring DPC would determine if there is enough capacity at the plant and make recommendations on any modifications or the addition or any new equipment. Ted said the study can begin next week, with the first 12 weeks of flow monitoring.

**3. Torrington Inter-Municipal Agreement:** D. Wilson summarized the current agreement and noted that Litchfield and Harwinton were connected to Torrington at about the same time. We had our first IMA when the last upgrade of the plant went in to effect. At that time we locked in 150,000 gallons a day of reserve plant capacity, and we pay that percent of their plant design capacity toward specific parts of the Torrington WPCA capital improvements made for the treatment plant. We installed two meters, and we pay our proportionate flow to the plant at the end of the year based on the total gallons and our percentage of the O&M expenses of the plant.

D. Wilson got from the attorney a draft of the new IMA. They have to go through the attorneys to discuss any points or issues. This year's bill for FY 19 was \$8,630. The new proposed bill would be \$18,000. He thought Torrington took WLS D's proposal and changed it to fit Litchfield. D. Wilson said he doesn't mind paying our share, but doesn't want to pay for additional capital improvements and costs associated with their entire collection system.

**4. Collection System Work:** Ted said that while he was on vacation they jetted all of Northfield and found no problems. Public Works is upgrading their yard and many roadway improvements. There are numerous manholes missing, but in this process they found one that had a gusher, so it will need to be grouted. He will also do the one on Torrington Rd. There are three more on Russell St. yet to uncover.

**a) Jetting/Cleaning:** See above

**b) CCTV Work:** Letters were sent out on the smoke testing last week, and there is already a response from 179 North Street. The owner allowed them to CCTV his connector, they found the issue with a broken clay tile pipe 170 ft. from him basement. He will work with Ted to get it fixed.

**5. Plant Equipment Updates:** Suez and Glasgow reps came out to the plant to make sure we are TR-16 compliant when we upgrade the UV system. We will probably need a third UV bank if we stay with the vertical system. The vendors will adjust their quotes.

**a) UV System:** See No. 5 above

**b) Nitrate Return Pumps:** They were delivered last week and are being inspected by DEEP. Jim and Joe have mortared the base for the rail system in the open tank. Ted sourced a price for the stainless steel for the guide rails. He sent Flygt pictures of the VFD drives to make sure they are matching apples to apples.

**c) Plant Water System:** Ted reported the squealing pump delivered Aug. 6, and they just started testing it today. Ted said they got a rebate check from Eversource for \$13,300.

**6. Safety:** No training.

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

## 8. Public Works / Treatment Plant Report

a) **Easements:** None

b) **Operational:** Ted reported permit compliance has been maintained, with the exception of exceeding monthly average for lbs. /day of phosphorus. Routine operations and maintenance work continues. The average daily flow for August was 0.347 MGD and the total flow was 10.757 MG. They removed 45,500 gallons of sludge. BOD removal was 99% and TSS was 99%. The daily average for total nitrogen lbs. /day discharged was 3.8 mg/L, or 13 lbs. /day. The daily average for total phosphorous lbs. /day was 3.8 mg/L, or 12 lbs. /day.

Incidents acted on include:

- 8/1/19: Reported a mechanical equipment failure on the influent composite sampler as the cooling fan had failed. Reported to DEEP.
- 8/5/19: Alarm for a generator run. Ted responded and it was only a brown out.
- 8/6/19: Updated the baffles on the east secondary settling tank to create spacing and to balance out the hydraulics during high flow periods. This has resulted in less algae. The two other tanks have since been retrofitted as well.
- 8/7/19: Alert Scientific calibrated all lab equipment.
- 8/9/19: Jim and Joe fixed all pins and adjusted the pulleys and flights in the west primary settling tank. It was taken off line as flows were very low, but put it back on line due to overloading the single tank with solids.

### Old Business

- 202-204 South Street Illicit Connections: Smoke testing is still needed on that line.
- RAS Pumps: RAS pumps are undersized for design flow capacity.
- Energy Action Program: No report

c) **Septic:** They processed 208,700 gallons of septage in August, a record 59% increase over last August. Year to date they are at 28% increase.

d) **Equipment:** No report

**9. Financial Report:** Ted reported he has spent just under 16% of the budget and about the same as last year. There are a few more big projects to do. Manhole frames were purchased to be put in. Sandy's report shows those who have paid ahead.

### 10. Old Business

a) **Second Vehicle:** D. Wilson said Jason Watley in Goshen has a Ford 450 with a diesel engine and utility body on the back. Ted will call him about it.

**11. Adjournment: Motion:** D. Geiger moved to adjourn at 8:39 p.m. and J. Koser seconded. All voted aye and the motion carried.



Ann D. Combs, Recording Secretary